

COUNTY OF CLACKMANNAN.

Health Department

ANNUAL REPORT

for the year

1963

by the

COUNTY MEDICAL OFFICER OF HEALTH,

COUNTY SANITARY INSPECTOR,

and

COUNTY WELFARE OFFICER.



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To the Scottish Home and Health Department,  
the County Council of Clackmannan and the  
Town Councils of Alloa, Alva, Tillicoultry  
and Dollar.

Ladies and Gentlemen,

I beg to submit the Annual Report for the year 1963 on the Health and  
Sanitary conditions of the County of Clackmannan and the Burghs therein,  
together with the Report on the School Medical Services.

I am,  
Your obedient Servant,

J. BORROWMAN.

Medical Officer of Health.

Health Department,  
Bedford Place,  
Alloa.

April, 1965.



HEALTH DEPARTMENT STAFF

(As at June, 1964)

MEDICAL STAFF

County Medical Officer of Health  
Assistant Medical Officers of Health

James Borrowman, M.B., Ch.B., D.P.H.  
Patricia S. Warren, M.B., Ch.B., D.P.H.  
David F. Baxter, M.B., Ch.B., D.P.H.

SANITARY STAFF

County Sanitary Inspector  
Chief Assistant Sanitary Inspector  
Assistant Sanitary Inspectors

Pat. M. Robertson, M.R., San. A., A.R.S.H.  
Alexander Ferguson, A.R.S.H.  
Alexander Davidson, A.M.Inst.P.C.  
Alan Crawford  
M. Kelly, + M. Banks

Clerkess and Typist

DENTAL STAFF

Chief Dental Officer  
Assistant Dental Officers

A. Pirrie, L.D.S.  
D.B. Torrance, L.D.S. + E. Cochrane, B.D.S.  
F. McGonigal, L.D.S., D.D.O. (Part-time)  
M. Bauchop, E. Wilson, + E. Carruthers

Dental Attendants

WELFARE STAFF

County Welfare Officer  
Clerical Assistants

J. Craig, A.I.S.W.  
Mrs. A. Broom, J. Hall

NURSING STAFF

County Nursing Superintendent

A.P. Walker, R.G.N., S.C.M., H.V., Q.D.N.S.

HEALTH VISITORS

Mrs. S. Ferguson  
Mrs. M. Macdonald  
Mrs. M. Somerville  
Mrs. I. McLellan  
Mrs. C. Mearns  
Mrs. H. Bowman (Part-time)

Mrs. C. Kennedy  
Miss M. Guthrie (Tuberculosis)  
Mrs. W. McDonald  
Mrs. M. Stevenson  
+Mr. A. Kennedy

PART-TIME STAFF

Mrs. W. Stein (Assistant Nurse)

AUXILIARY STAFF

Mrs. D.A. Brand  
Mrs. A. Knox  
Mrs. Fairholm

DISTRICT NURSE-MIDWIVES

Dollar

Dollar

Mrs. Stewart (Senior Nurse)

A. Nicolson

Mrs. Beattie

Sauchie and Fishcross

Mrs. Findlay

Mrs. J. McColl

+E.H. McLaughlan

Mrs. J. Fyfe (Part-time)

+E.M. Smith

Mrs. C. Sneddon (Part-time)

Tullibody and Cambus

Mrs. M. Gray (Nursing Assistant)

M. Henderson

Alva and Menstrie

Mrs. E. Honeyman (Part-time)

Mrs. Macpherson

+C. Campbell

Mrs. MacKinnon

Tillicoultry and Coalsnaughton

Mrs. McPhie

Lackmannan, Forestmill and District

I. Ross

Mrs. Muthall

J. Gullen

PHYSIOTHERAPIST

E.B. Currie

DAY NURSERY

Matron

J. Moffat

OFFICE STAFF

Chief Clerk

N.P. Forsyth

Clerkesses and Typists

J. Galbraith, \* M. Dick, J. Galloway,  
S. Broomfield, W. Dunlop, Mrs. J. Lowrie,  
Y. Reid, J. Cole, O. Campbell, + Mrs. A. McGuire.

PART-TIME STAFF

Sanitary Inspector

R.R. McNaughton, M.R.C.V.S.

Part-time Asst. Sanitary Inspectors:- Alva - T.S. Bradbury; Dollar - \* J. Beveridge;

Tillicoultry - L.J.D. Smith.

+ Appointed during year

\* Resigned during year





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COUNTY OF CLACKMANNAN.

1963

REPORT OF THE COUNTY MEDICAL OFFICER OF HEALTH

VITAL STATISTICS

	County	Alloa	Alva	Dollar	Filling- country	Landward
Population (Estimated), 30th June, 1963	41,893	13,932	3,948	2,025	3,995	17,993
Total Live Births Registered (including Illegitimate)	250	72	31	4	28	115
Total Live Births Corrected for Mother's Residence (including Illegitimate)	817	276	80	13	73	375
Total Live Births Corrected for Mother's Residence Male	422	149	37	10	44	182
Total Live Births Corrected for Mother's Residence Female	395	127	43	3	29	193
Total Live Births Corrected for Mother's Residence Illegitimate	44	17	3	-	6	18
Stillbirths Registered (including Illegitimate)	1	-	-	-	1	-
Stillbirths Corrected for Mother's Residence	21	4	2	-	4	11
Marriages Registered	297	130	29	14	40	84
Deaths Registered	292	124	26	7	25	110
Deaths Corrected for Residence	446	169	47	19	44	167
Deaths Corrected for Residence Male	230	88	23	7	17	95
Deaths Corrected for Residence Female	216	81	24	12	27	72

AGES AT DEATH

Under 1 ...	21	11	-	-	-	10
1 - 4 ...	5	2	-	-	1	2
5 - 9 ...	1	-	-	-	1	-
10 - 14 ...	4	1	-	-	-	3
15 - 24 ...	5	1	-	1	1	2
25 - 34 ...	4	1	-	-	-	3
35 - 44 ...	10	4	1	-	-	5
45 - 54 ...	28	11	2	1	1	13
55 - 64 ...	81	32	13	-	4	32
65 - 74 ...	136	48	16	7	10	55
75 - 84 ...	113	40	13	7	20	33
85 and over ...	38	18	2	3	6	9
ALL AGES	446	169	47	19	44	167

BIRTH AND DEATH RATES.

	County <u>1963</u>	Scotland <u>1963</u>
Birth Rate (per 1,000 population)	19.5	19.7
* Death Rate (All Causes - per 1,000 population)	11.3	12.6
Infant Mortality Rate (per 1,000 live births)	26	25.6
Neo-natal Mortality Rate (per 1,000 Live Births)	22	16.9
Stillbirth Rate (per 1,000 total births)	25	19.1
Illegitimate Birth Rate (per 100 Live Births)	5.4	5.2
Death Rate from accidents in the home (per 100,000 population)	21	

\* Adjusted for age and sex distribution.



CAUSES OF DEATH.

	County	Alloa	Alva	Dollar	Tilli- coultry	Landward
Tuberculosis of respiratory system	3	1	1	-	-	1
Tuberculosis, other forms	-	-	-	-	-	-
Syphilis and its sequelae	-	-	-	-	-	-
Dysentery, all forms	-	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-
Meningococcal infections	1	-	-	-	1	-
Acute Poliomyelitis	-	-	-	-	-	-
Measles	-	-	-	-	-	-
Other infective and parasitic diseases	-	-	-	-	-	-
Malignant neoplasms	79	31	7	3	8	30
Benign and unspecified neoplasms	-	-	-	-	-	-
Diabetes mellitus	3	1	-	-	1	1
Anaemias	-	-	-	-	-	-
Other general diseases	2	-	2	-	-	-
Vascular lesions affecting central nervous system	66	26	2	3	10	25
Non-meningococcal meningitis	-	-	-	-	-	-
Other diseases of nervous system	6	3	1	-	-	2
Rheumatic fever	-	-	-	-	-	-
Chronic rheumatic heart disease	4	-	1	1	2	-
Arteriosclerotic and degenerative heart disease	125	42	17	6	8	52
Other diseases of heart	5	4	1	-	-	-
Hypertensive heart disease	3	1	1	-	1	-
Other hypertensive disease	7	4	1	-	1	1
Other circulatory disease	16	5	2	-	3	6
Influenza	4	1	2	-	-	1
Pneumonia (except of newborn)	17	7	2	1	1	6
Bronchitis	21	9	1	1	2	8
Other respiratory diseases	5	1	-	1	-	3
Ulcer of stomach and duodenum	6	2	-	1	-	3
Appendicitis	-	-	-	-	-	-
Intestinal obstruction and hernia	2	1	1	-	-	-
Gastritis and duodenitis	-	-	-	-	-	-
Diarrhoea (except of newborn)	2	-	-	-	1	1
Cirrhosis of liver	1	1	-	-	-	-
Other diseases of liver	1	-	1	-	-	-
Other digestive diseases	1	-	-	1	-	-
Nephritis and nephrosis	2	2	-	-	-	-
Hyperplasia of prostate	2	1	-	-	-	1
Other diseases of genito-urinary system	4	1	-	1	-	2
Puerperal sepsis including abortion with sepsis	-	-	-	-	-	-
Other puerperal causes	-	-	-	-	-	-
Diseases of skin and organs of locomotion	3	1	-	-	1	1
Congenital malformations	6	6	-	-	-	-
Birth injuries, postnatal asphyxia and atelectasis	9	4	-	-	-	5
Pneumonia of newborn	1	-	-	-	-	1
Diarrhoea of newborn	-	-	-	-	-	-
Other infections of the newborn	-	-	-	-	-	-
Other diseases peculiar to early infancy and immaturity unqualified	6	2	-	-	-	4
Senility without mention of psychosis	5	2	-	-	1	2
Ill-defined and unknown causes	3	1	1	-	-	1
Suicide and self-inflicted injury	7	3	1	-	-	3
Motor vehicle accidents	5	2	-	-	-	3
Other road vehicle accidents	-	-	-	-	-	-
Accidents in the home	9	3	2	-	1	3
Other violence	4	1	-	-	2	1
All Causes	446	169	47	19	44	167





Births. Two hundred and fifty live births were registered in the County, 578 live births were transferred in and eleven transferred out, making a total of 817 live children born to mothers resident in the area. Four hundred and twenty-two were males and 395 were females.

The resultant birth rate per 1,000 estimated population was 19.5 as compared with 21.5 for 1962.

Premature Births. The majority of babies born prematurely at home are transferred for hospital care and where this is not done a cot outfit is available. See Appendix No. 2.

Stillbirths. One stillbirth occurred in the County, the cause being registered as intra-uterine death (mother diabetic).

There were 20 stillbirths in hospitals outwith the County, 9 having been booked for confinement at home and admitted as emergency cases.

Causes of stillbirth included monstrosity, concealed and revealed accidental haemorrhage, macerated foetus, prolapse of cord, intra-cranial haemorrhage and extreme prematurity.

Maternal Mortality. - Nil.

Infantile Mortality. Twenty-one children died during the first year of life. Of these, 15 did not survive their first week. Though these figures show an improvement on the corresponding figure for 1962, they are still disappointing, particularly when considered in conjunction with the stillbirth rate. A number of expectant mothers are still postponing making arrangements for their confinement until late in pregnancy and may therefore not be getting full ante-natal care.

Comparable figures for the County in previous years and for Scotland are given below:-

	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>Scotland</u> <u>1963</u>
Infant Deaths	26	21	18	31	21	
Infantile Mortality Rate (per 1,000 live births)	30	30	22.1	35.3	26	25.6
Neo-natal Deaths (under 1 month)	17	12	11	20	18	
Neo-natal Death Rate (per 1,000 total births)	20	15	13.5	22.7	22	16.9
Stillbirths	21	19	18	23	21	
Stillbirth Rate (per 1,000 total births)	24	23	21.7	25	25	19.1
Peri-natal Death Rate (combined stillbirths and deaths under 7 days per 1,000 total births)	47	38	34.9	49	42.3	33.4

Causes of death/





Causes of death for:-

a) the babies dying in their first week were:-

	<u>Under 1 day</u>	<u>1 day - 1 week</u>
Congenital malformations	1	-
Prematurity	6	5
Asphyxia (Cord round neck)	1	-
Tentorial haemorrhage and prematurity	1	-
Cerebral haemorrhage	-	1

b) children dying later in their first year:-

	<u>1 week - 1 month</u>	<u>Under 6 months</u>	<u>Over 6 months</u>
Pulmonary Syndrome	1	-	-
Broncho-Pneumonia	-	-	1
Respiratory Infection	1	-	-
Gastro-enteritis	-	1	-
Congenital Heart	-	1	-

Marriages. The marriages numbered 297, equivalent to a rate of 7.1 per thousand estimated population.

Deaths. Deaths from all causes corrected for transfers numbered 446, giving a death rate adjusted for age and sex distribution of 11.3 per thousand estimated population.

Diseases of the heart and circulation continued to be the chief cause of death and were responsible for 35.87 per cent of total deaths.

The relative importance of the various causes of death are unchanged and are shown below as a percentage of the total deaths:-

Diseases of Heart and Circulation	35.87%
Cancer	17.71%
Cerebral Vascular Disease	14.79%
Respiratory Disease	10.54%
Accidents in the Home	2.02%

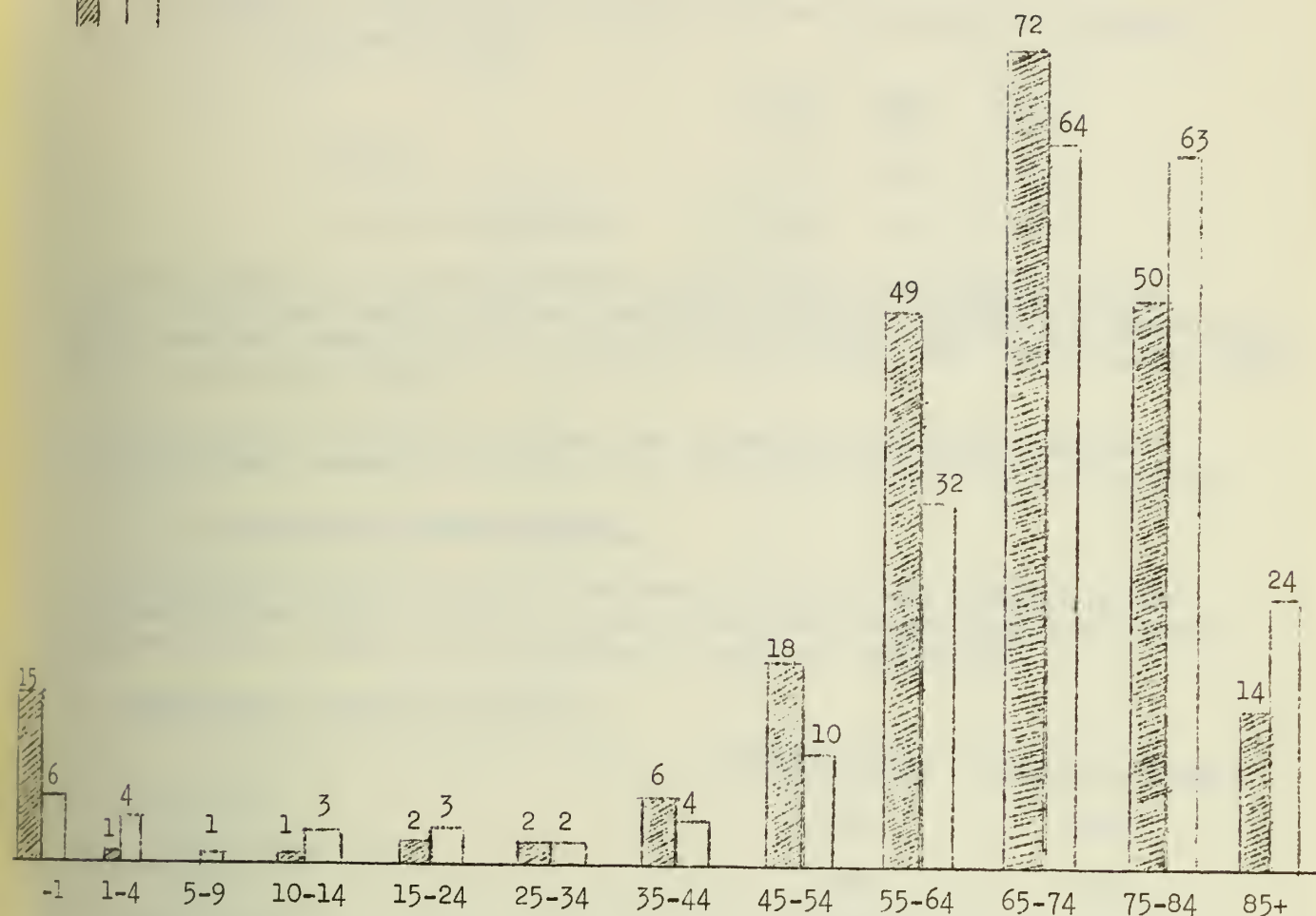
Of the 79 deaths due to cancer, 18, all males, were due to cancer of the lung.

Ages at death are shown graphically overleaf.



Ages at death:-

M F  
 



A. Local Health Authority Functions.

1. Care of Mothers and Young Children.

(a) Child Welfare.

Ten Clinics continue to be held as before.

(b) Mother and Baby Homes.

There are no Mother and Baby Homes in the County.

(c) Welfare Foods.

There has been a very slight rise in the demand for National Dried Milk and Welfare Foods.

The total issues for this year and also for 1962 are shown below:-

	<u>National</u> <u>Dried Milk</u>		<u>Cod</u> <u>Liver Oil</u>		<u>Vitamin</u> <u>Tablets</u>		<u>Orange</u> <u>Juice</u>	
	<u>1962</u>	<u>1963</u>	<u>1962</u>	<u>1963</u>	<u>1962</u>	<u>1963</u>	<u>1962</u>	<u>1963</u>
Main Centre Alloa	6,323	7,537	684	755	499	564	5,031	5,472
Clinics	2,039	1,461	369	344	219	196	3,144	3,310
	<u>8,362</u>	<u>8,998</u>	<u>1,053</u>	<u>1,099</u>	<u>718</u>	<u>760</u>	<u>8,175</u>	<u>8,782</u>

(d) Dental Care/





(d) Dental Care.

The numbers of mothers and pre-school children attending for treatment alters little from year to year.

	<u>1961</u>	<u>1962</u>	<u>1963</u>
Mothers	110	109	104
Pre-school Children	104	101	106

The majority of pre-school children are brought to the Clinic for the relief of pain and usually require a general anaesthetic for multiple extractions. By the time they reach school age, very few - only about 12% - have complete decay free, deciduous dentitions.

The number of mothers who attend for conservative treatment remains regrettably small compared with those who attend for extractions and dentures.

(e) Expectant and Nursing Mothers.

Ante-natal Clinics are held twice weekly at the County Hospital by the Area Obstetrician and his Staff. Patients who attend these Clinics are mainly those referred by General Practitioners for hospital confinement.

Attendances at Hospital Clinics.

	<u>New Patients</u>	<u>Total Attendances.</u>
Ante-natal	460	3,297
Post-natal	299	299
Gynaecological	351	1,065

A useful link is thus maintained with the hospital staff. Domiciliary visiting of expectant mothers is carried out by the Health Visitor for the appropriate district so that Mothers and Health Visitors are able to get to know each other before the baby arrives.

Five hundred and forty-nine mothers were confined in the local Maternity Unit at Stirling Royal Infirmary and Airthrey Castle, and 19 in other hospitals outside the area, so that 69.4% of the confinements were in hospital.

Mothercraft classes are held weekly in Alloa and in the Hillfoots area, primarily for mothers in their first pregnancy. Any expectant mother is welcomed. Attendances are still somewhat disappointing. It is hoped that young mothers-to-be will be encouraged to come to these informal gatherings where they can meet others in the same position as themselves and talk over any small problems with the Health Visitor.

2. Midwifery.

There is still a shortage of District Nurse-Midwives. Thanks are due to the members of the full-time staff and those who are giving part-time assistance for the ungrudging co-operation in the working of the County's Scheme.

There is no County Relief Nurse and "off-duty" periods and holidays have to be covered by another member of the County Staff. We are fortunate in the relatively short distance between one district and another, so that a midwife with a car can be available.

Nine Tecota Machines for the administration of Trilene are available and three Minnit Gas and Air Machines.

Work done by County Midwives/

100

100	100	100
100	100	100
100	100	100

100

100

100

100

100

100	100	100
100	100	100
100	100	100

100

100

100

100

100

100

100

100

Work done by County Midwives.

All cases were dealt with under Section 23 (2) of the National Health Service (Scotland) Act, 1946.

Confinements.

	<u>Doctor engaged and present at confinement</u>	<u>Doctor engaged and not present at confinement</u>	<u>Removed to hospital during labour</u>	<u>Ante- natal visits</u>
Alloa	38	32	16	654
Alva	5	27	5	271
Clackmannan	11	6	4	267
Dollar	4	1	2	63
Menstrie	1	3	3	63
Sauchie and Fishcross	20	9	5	256
Tillicoultry	22	22	11	483
Tullibody and Cambus	11	38	8	513
	<hr/>	<hr/>	<hr/>	<hr/>
	112	138	54	2,570
	<hr/>	<hr/>	<hr/>	<hr/>

Two hundred and fifty-one babies were delivered by County Midwives. One was a stillbirth.

3. Health Visiting.

During the year Health Visiting Staff was strengthened by the addition of one part-time Health Visitor and one male Health Visitor who gives a considerable portion of his time to work under the Mental Health Act. He is also available for visits where problems are more easily solved by a man.

Statistics of the work done are shown in Appendix No.5.

4. Home Nursing.

All home nursing is carried out by Nurses holding "District Nurse-Midwife" posts, so that the shortage of staff referred to under the heading 'Midwifery' also applies in this field.

A more detailed analysis of the Home Nursing work is shown in the table in Appendix No.6.

5. Domestic Help.

The Home Help Service continues to be much in demand, 101 part-time Home Helps having been employed during the year, as in 1962, and 280 households having received help compared with 276 in the previous year.

The main part of the work has again been for the "senior citizens" who appreciate the regular visits of their "helpers". Details of help given are shown overleaf.





	<u>No. of Households</u>			<u>Average No. of days in attendance per household during the year</u>			<u>Average No. of Hours in attendance per household during the year.</u>		
	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>
Confinements									
at home	20	13	13	16	10	7	67	52	37
at hospital	3	1	8	34	12	9	32	24	31
Acute Illness	24	18	11	56	67	100	162	173	261
Tuberculosis	3	-	-	165	-	-	374	-	-
Aged and Chronic Sick	203 (Incl. 2 T.B.& 27 Blind)	238 (Incl. 35 blind)	171 (Incl. 25 blind)	155	150	203	435	414	541
Blind	28	36	27	277	215	254	656	635	749
Domestic Circumstances	2	5	4	266	148	206	949	691	777

#### 6. Vaccination and Immunisation.

Some adjustments were made in the Programme for Vaccination and Immunisation which now reads as follows:-

Age	Child Welfare Clinic		Vaccine	
1 to 6 months	1st visit		Triple Vaccine (against Diphtheria, Whooping Cough & Tetanus) 1st dose	
	2nd	"	do.	2nd "
	3rd	"	do.	3rd "
6 to 10 months	4th "		Poliomyelitis Vaccine (by mouth) 1st "	
	5th	"	do.	2nd "
	6th	"	do.	3rd "
1 year	7th	"	Smallpox Vaccination	
2 years	8th	"	Triple Vaccine	Booster "
School entry	At School		Diphtheria & Tetanus	Booster "
9 years	"	"	Diphtheria & Tetanus and Smallpox Re-Vaccination	Booster "
Over 13 years	"	"	B.C.G. Vaccination against Tuberculosis	

Primary vaccination/





Primary vaccination against Smallpox now takes place after the first birthday and not in the first three months of life. This has meant, of course, a considerable fall in the number done during this year. Children born during the year will now have their Smallpox Vaccination in 1964 and not until the end of that year will it be known whether the change has meant any fall in the number of children vaccinated. Routine re-vaccination against Smallpox at age nine years was undertaken for the first time in schools.

Figures for immunisation with Triple Vaccine against Diphtheria, Whooping Cough and Tetanus still show that many children are being immunised later than they ought to be.

Children born in:	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>
% Immunised	78%	70%	60%	56%

#### Poliomyelitis Vaccination.

Following the intensive campaign of Vaccination against Poliomyelitis in the previous year, the numbers dealt with during this year return to a more routine level.

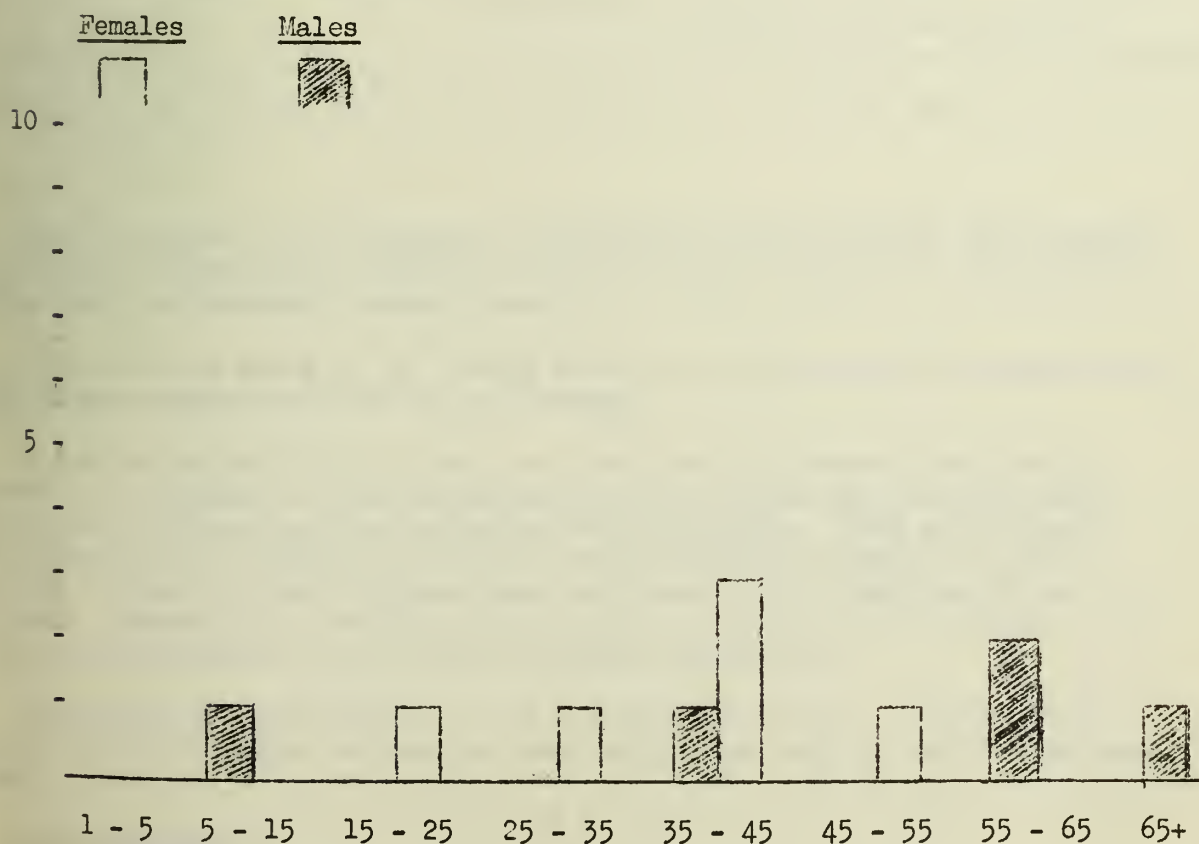
A special check was made by home visitation of all children for whom no Poliomyelitis Vaccination Records were available in this Office. According to the mothers statements, some 95% of all children born in 1961 and 1962 have been fully vaccinated against Poliomyelitis. Figures for all Vaccinations and Immunisations are shown in Appendix No. 11.

### 7. Prevention of Illness, Care and After Care.

#### Tuberculosis.

The number of new cases of pulmonary tuberculosis discovered during the year was 11, a decrease of 7 from the previous year. Five of the new cases were male and 6 female.

#### New Cases by Age and Sex





The incidence in the County compares with that for the whole of Scotland thus:-

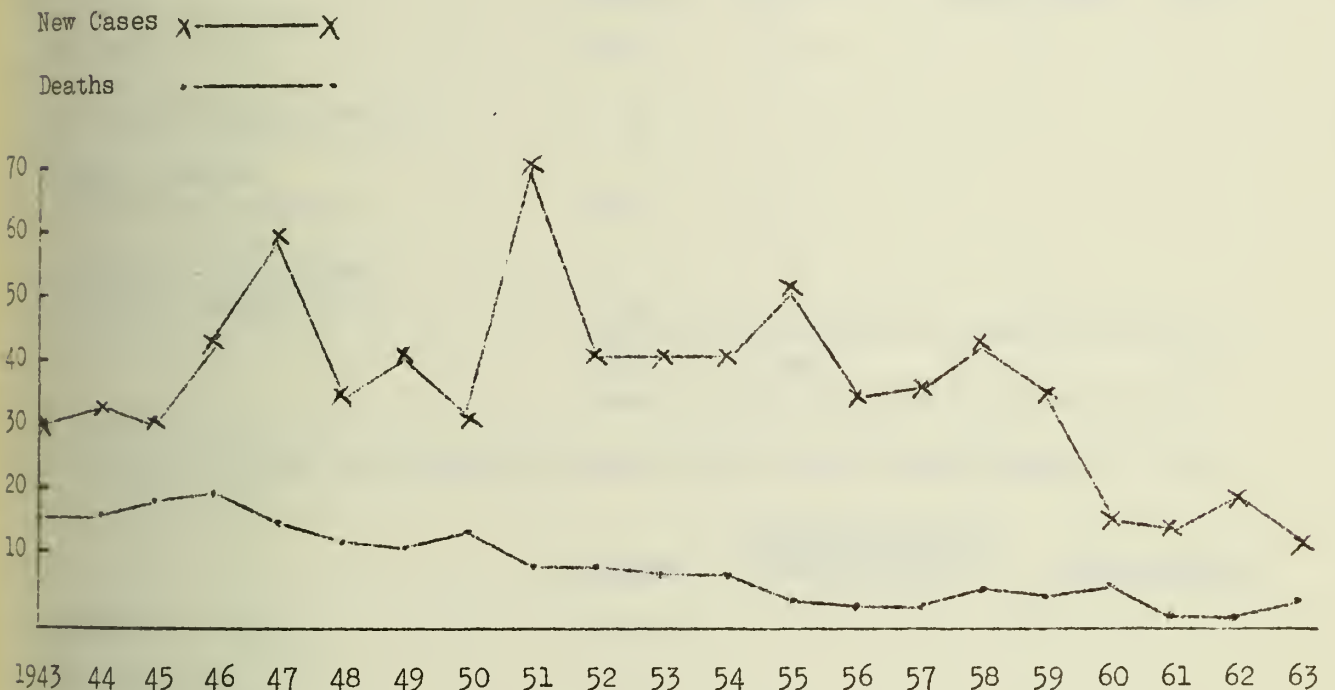
	<u>Clackmannann County</u>	<u>Scotland</u>
Incidence rate per 100,000 population	26.26	<sup>*</sup> 49
Death rate per 100,000 population	7.16	9

<sup>\*</sup> Provisional Notifications

There were 191 known cases in the County at the end of the year compared with 219 on 1st January.

There were three deaths from pulmonary tuberculosis.

The annual incidence of new cases and deaths is illustrated below.



Four new cases of non-pulmonary tuberculosis were notified and confirmed as follows:- Superficial glands, 2; Genito-urinary organs, 2. There were no deaths from non-pulmonary tuberculosis.

There were 25 cases in the County known to be suffering from non-pulmonary tuberculosis compared with 27 on 1st January.

Under the Schemes for the Care and After Care of Tuberculous Persons, vitamin food supplements were prescribed for most cases and free milk was granted to 8 tuberculosis patients for varying periods. Free school meals were provided for a number of children from tuberculosis families. When required, sputum bottles, disinfectants and home nursing aids were also provided. Priority was obtained for patients in need of re-housing under the Housing Points Scheme of the various Housing Authorities.

There were 324 attendances at the Alloa Chest Clinic. One thousand, two hundred and eighty-five routine home visits were paid by the Tuberculosis Nurse.

Care Committee./



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Care Committee.

Through the Tuberculosis Voluntary Care Committee for the Counties of Stirling and Clackmannan, 1 patient received assistance, and four patients, one accompanied by his wife and one accompanied by his wife and two children, were sent for holidays at seaside resorts.

Miniature X-rays.

Odelca Camera.

Contacts, School Leavers and persons concerned under the Protection of Children Scheme (e.g. Teachers) were X-rayed at Stirling Royal Infirmary.

Numbers done are shown in the table below.

	<u>X-rayed</u>	<u>Referred for large film</u>	<u>Requiring further observation</u>	<u>Cases found</u>
Contacts	219	30	1	-
T.T. Case Finding X-rays	3	-	-	-
School Leavers (Tuberculin Positive)	180	26	-	-
Protection of Children (Teachers, Staff, etc.)	39	2	-	-
	441	58	1	-

The following were X-rayed by large film at the County Hospital, Alloa.

	<u>X-rayed</u>	<u>Requiring further observation.</u>	<u>Cases found.</u>
Contacts	45	-	-
Superannuation	13	-	-
Pneumoconiosis	6	-	-
T.T. Positive	2	-	-
	66	-	-

B.C.G. Vaccination.

The Scheme for vaccination of contacts and of children approaching school leaving age continued unchanged and numbers tested and vaccinated are shown in the table overleaf.



	Tuberculin Tested		Negative Reactors		Vaccinated during 1963	
	M.	F.	M.	F.	M.	F.
Nurses	-	7	-	-	-	-
Medical Students	-	-	-	-	-	-
Contacts	25	20	24	15	54	38
Special Groups not included in above						
(a) School Leavers	366	352	267	282	267	282
(b) New Born Babies	-	-	-	-	-	-
(c) Students	-	-	-	-	-	-
Others	-	-	-	-	-	-

Of the school leaving age group 97.82 per cent accepted testing and vaccination. Sixteen per cent were Tuberculin Positive on testing compared with 17 per cent the previous year.

One hundred and seven home visits were made by the doctors and nursing staff of the Health Department in respect of B.C.G. Vaccination.

#### Chiropody.

The Chiropody Services provided by various Voluntary Committees throughout the County continued unchanged. Full details of the Services were furnished in the Report for 1961.

#### Health Education.

Various Organisations were given talks on health subjects by members of the Health Department Staff. The Prevention of Accidents Committee continued to function and several members gave talks and film shows to preformed audiences.

#### 8. Control of Infectious Diseases.

Notifications of Infectious Disease numbered 100 compared with 84 last year.

Notifications were as follows:- Pneumonia, Acute Primary, 64; Pneumonia, Acute Influenzal, 11; Pneumonia (not otherwise notifiable) 1; Dysentery, 17; Scarlet Fever, 2; Erysipelas, 1; Food Poisoning, 1; Ophthalmia Neonatorum, 1; Whooping Cough, 2.

Of recent years, a disease known as epidemic or winter vomiting has been noticeable mainly amongst children. An outbreak occurred this year in the County in October, and was particularly noticeable in the way it affected a school boarding house. Two adjacent boarding houses are joined by a common kitchen; in one house no illness occurred; in the other, 50 out of 59 boys were affected. All meals were prepared in a central kitchen by the same kitchen staff and were served to both houses in their separate dining halls. This showed clearly that the illness was not food poisoning.

Of/





Of the 50 boys affected, 19 had vomiting alone; 22 had vomiting and diarrhoea; 5 had diarrhoea only and 4 felt nauseated and ill but had neither vomiting nor diarrhoea. The illness in some cases was extremely sudden in onset and although of a temporary nature lasting one or two days, sometimes three, and with no apparent complications. An outbreak of this intensity in a boarding house presents obvious difficulties. All samples sent for Laboratory examination proved completely negative. The occurrence of cases in the boarding house suggest an air-borne infection with an incubation period of approximately 24 hours. This illness is presumed to be due to a virus as yet unidentified.

#### Venereal Diseases.

The return of cases resident in this Area and treated at Stirling and Falkirk Centres is shown below.

	<u>Male</u>	<u>Female</u>
Falkirk Royal Infirmary:-		
Non-Specific Urethritis	1	-
Non-venereal Conditions	1	-
Total	<u>2</u>	<u>-</u>
Stirling Royal Infirmary:-		
Gonorrhoea	3	-
Syphilis	-	1
Non-Specific Urethritis	4	-
Non-Venereal Conditions	1	-
Total	<u>8</u>	<u>1</u>

#### 9. Mental Health Service.

The work of adaptation of Cowden Park House for conversion into an Occupation Centre was got under way during the year and the building should be ready for use in 1964.

The Male Nurse sponsored for Health Visitor Training joined the Staff in July. Trained in both Mental and General Nursing and now Health Visiting, his main work will be in the Mental Health Service, in domiciliary visitation and in liason with the Hospital Staffs.

#### Bellsdyke Mental Hospital.

Admissions in recent years are shown in the following table:-

<u>Admissions</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>
Certified	11	9	7	5	7	8	7
Voluntary and Informal	40	44	40	33	55	67	57
Total	51	53	47	38	62	75	64

Out-Patient Psychiatric Clinics are held at Bellsdyke, Stirling Royal Infirmary and Falkirk Royal Infirmary.

#### Child Guidance Clinic/



Child Guidance Clinic.

Dr. Russell and members of his Staff from Bellsdyke continued with this Clinic monthly in the Health Department. A breakdown of the year's work in the Clinic is shown below.

Number of children attending:

- (a) under 5 years - 6
- (b) 5 - 12 years - 30
- (c) 12+ years - 4
- Total - 40

Total number of attendances by children - 175

Number on waiting list - Nil

Number of children who ceased treatment during year - 27

Number of new cases during year - 29

Sources of referral of children:

- (a) school doctors - 4
- (b) Hospitals and G.P.'s - 22
- (c) Courts and probation officers - Nil
- (d) Teachers - 2
- (e) Parents - Nil
- (f) Children's officers - Nil
- (g) Speech Therapists - Nil
- (h) Youth employment officers - Nil
- (i) Other agencies - 1

Classification of children: Children who have:

- (a) Behaviour problems - 12
- (b) Problems of habit and maturation - 7
- (c) Neurotic disturbances - 3
- (d) Psychosomatic disturbances - Nil
- (e) Psychotic disturbances - 3
- (f) No psychiatric disturbances - 4

Treatment of children: Number who (a) received psychotherapy:

- (1) 10 or more treatment sessions - Nil
- (11) 4 - 9 treatment sessions - 8
- (111) under 4 treatment sessions - 17
- (b) were recommended to attend special school or hostels - Nil
- (c) were the subject of advice to parents, school, courts etc. - 23
- (d) were unco-operative - 6

10. Work under Nurseries and Child Minders' Regulation Act.

The Day Nursery continues to have a waiting list of children whose mothers wish to work and need help with the day time care of their children.

It has been possible, however, to admit any child for whom admission was sought under the "priority headings", i.e. children who have only one parent, children whose mother is ill and children recommended by the County Medical Officer or a General Practitioner.

Number of children on the register at 31st December, 1963 - 64

Average daily attendance - 44

The Nursery is a training school for Nursery Nurses.

No application has been received for registration as a Child Minder, and no registrations were in force at the end of 1963.

B. School Health Service/





B. School Health Service - See Page 63.

C. Port Health Administration.

As noted in last year's Annual Report, the Port closed on 27th July, 1961, and has not been re-opened.

D. Food Supply. - See Sanitary Inspector's Report.

E. National Assistance Act, 1948 - See County Welfare Officer's Report.

F. Nursing Homes Registration (Scotland) Act, 1938.

No applications for registration were received under this Act.



REPORT BY COUNTY WELFARE OFFICER

NATIONAL ASSISTANCE ACT, 1948

General Welfare

During the year there has been a promising increase in the activities of Voluntary Bodies concerned with the welfare of the aged, in the County viz. in July of this year at a public meeting called for the purpose, The Abbeyfield Alloa (and District) Society Ltd. was formed. It is hoped that the Society will, when property is acquired, assist those lonely and elderly persons who for various reasons do not wish to enter Local Authority residential accommodation.

The Alloa Division of the Clackmannan and Kinross Branch of the British Red Cross Society, started at the end of the year, a Sitters-In service for old people. This service is primarily to assist those who are responsible for an old person who cannot be left alone in the house, and are unable to get help from any other source. This would enable those responsible to get out occasionally during the day.

Alloa Old People's Welfare Committee started a similar service at the same time, catering for night sitters-in.

Both the above services will be of immense value to relatives who undertake the task of nursing an elderly person at home, and could be profitably copied by other Voluntary Bodies in the County.

In response to the Scottish Home and Health Department Circular No.66/63, a meeting with representatives of local voluntary organisations and representatives of the County Council was arranged, to discuss the provision of services for local health and welfare and to what extent duplication might be avoided by co-ordinated co-operation. The recommendation from this meeting was, that a Council of Social Service for Clackmannanshire be set up.

The Pilot Survey referred to in the Report for 1962 was carried out over a period of twelve weeks on a door to door basis. The results from the figures obtained, shows that 15% of that population were over pensionable age whilst 11.5% were over 65. The latter figure should be an excellent guide for assessing the County's future requirements for Residential Accommodation purposes. In the survey no additional need was found to exist for Chiropody or Meals on Wheels.

A further Survey, for comparison purposes is to be made in a Landward part of the County, commencing in the early part of the year.

Accommodation/

1870

1871

1872

1873

1874

1875

1876

1877

1878

1879

1880

1881

1882

1883

1884

1885



Accommodation

After many frustrating years, the commencement of the building at the County's new Home is in sight. It is hoped by the end of the coming year, rapid strides in construction will have taken place.

<u>Type of Accommodation</u>	<u>In premises managed by the Hospital Boards</u>	<u>In premises managed by other Local Authorities</u>	<u>In premises managed by Voluntary Bodies</u>	<u>Grand Total</u>
<u>Number of Admissions</u>	3	-	4	7
<u>Number of Discharges</u>	5	2	2	9
<u>Number Resident at 31st December, 1963</u>	11	1	27	39

Blind and Partially Sighted Persons

During the year 727 domiciliary visits were made to the blind and partially sighted persons on the County Registers.

Detailed particulars of registered blind and partially sighted persons at 31st December, 1963, are attached.

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etailed particulars of registered blind and partially sighted persons at 31.12.63.

	0 - 4		5 - 17		18 - 39		40 - 59		60 - 69		70+		TOTALS		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.
Number on Register	-	-	3	3	1	6	9	8	9	13	31	59	53	89	142
Under School Age	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
At Blind School	-	-	2	3	-	-	-	-	-	-	-	-	2	3	5
Reducable	-	-	1	-	-	-	-	-	-	-	-	-	1	-	1
In open employment	-	-	-	-	1	4	-	-	1	-	-	-	1	4	5
In sheltered employment	-	-	-	-	-	-	3	2	-	-	-	-	3	2	5
Trained but unemployed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Not trained but trainable	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Not available for employment or incapable of work	-	-	-	-	1	2	6	6	8	13	31	59	46	80	126
Examinations by ophthalmologist	-	-	-	-	-	-	-	-	3	3	1	18	4	21	25
Found to be blind within the meaning of the Act	-	-	-	1	-	-	-	-	-	2	2	7	2	10	12
Re-examinations by ophthalmologist	-	-	-	-	-	-	-	-	2	-	6	18	8	18	26
New cases found to be blind after re-examination	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1
Re-certified after re-examination	-	-	-	-	-	-	-	-	-	1	1	1	1	2	3
Transfers in	-	-	-	-	-	-	1	-	1	-	-	-	2	-	2
Transfers out	-	-	-	-	1	-	-	-	-	-	1	2	2	2	4
Deaths during the year	-	-	-	1	-	-	-	-	-	1	3	10	3	12	15
Number on Partially Sighted Register	-	-	2	-	2	-	-	-	2	1	4	18	10	19	29

THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION  
PUBLISHED WEEKLY  
CHICAGO, ILL., U.S.A.

AMERICAN MEDICAL ASSOCIATION	
535 N. Dearborn St., Chicago, Ill.	Telephone: 5-2121

Subscription price, Five Dollars Per Annum in Advance  
Single Copies, Fifteen Cents

Entered as Second-Class Matter, May 2, 1912, Post Office at Chicago, Ill.,  
under No. 100,000. Acceptance for mailing at special rate of postage provided for in  
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Physically Handicapped Persons (Other than Blind, Deaf and Dumb)

In the Pilot Survey, mentioned in the Report for 1962, the results from the figures obtained, shows that 14% of the population, of that particular area, stated that they had some form of handicap. Further investigation of these cases will be made to see what assistance can be given to overcome their disability.

Two hundred and seventy seven visits were made to handicapped persons mainly in connection with the provision of structural alterations and portable adaptations. A total of 32 new cases were provided with a variety of gadgets to aid their independence viz - handrails, toilet aids, bath seats and a hydraulic lifter.

Holidays were provided for three cases, under the Red Cross Scheme, at the Dunbar Centre. It is hoped to send more cases when the permanent holiday centre is opened at North Berwick in 1964.

As about 50% of the handicapped persons on the register are of pensionable age, it would appear that more thought should be given to planning and siting of old persons houses. Interior fittings should also be planned for increasing frailty, comfort and safety, e.g. toilets not so close to the wall, plus built in handrails; seats, handrails and flexible pipe or rose spray in showers; lower baths with built in handrails; prepayment gas meters at a height which does not require bending or stretching; windows with safety snibs which can be left open for ventilation purposes without giving access to intruders; above all draft proof doors.

Section 47 - Removals

During the year there were no removals under this Section of the Act.

Section 48 - Care and Protection of Property

Arrangements were made for the protection of the effects of seven cases who were admitted to hospitals and residential accommodation.

Section 50 - Burials

Five burials were carried out, under the provision of the Act, of bodies unclaimed by relatives.

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COUNTY OF CLACKMANNAN

ANNUAL REPORT.

by the

COUNTY SANITARY INSPECTOR.

for the year 1963.





The Scottish Home and Health Department,  
The Convener and Members Clackmannan County Council, &  
The Provosts, Magistrates and Members of the Town Councils of  
Alloa, Alva, Tillicoultry and Dollar.

My Lord, Ladies and Gentlemen,

As required by statute I enclose my Annual Report for 1963 on  
the sanitary conditions of the County of Clackmannan and the Burghs  
therein.

I am,

Your obedient servant,

(Signed)

Pat. M. Robertson.

County Sanitary Inspector.

Health Department,  
Bedford Place,  
ALLOA.



CLACKMANNAN COUNTY COUNCIL.

Annual Report by the County Sanitary Inspector for 1963.

Milk and Dairies.

In the report for 1962 it was forecast that schemes for modernisation of equipment and premises would gather momentum quickly and so it proved in 1963. Seven applications for the installation of bulk tanks were dealt with and approved. At the end of the year there were eight bulk tanks in use in the county representing just under one third of the total registered dairy producers.

The bulk tanks now in use are at :-

Parkhead Farm, Sauchie.  
Jellyholm Farm, Sauchie.  
Devonknowes Farm, Coalsnaughton.  
Muircot Farm, Coalsnaughton.  
Balhearty Farm, Coalsnaughton.  
Menstrie Mains Farm, Menstrie.  
Ditch Farm, Tullibody.  
Tillicoultry Mains Farm, Tillicoultry.

It was found possible when consideration was being given to the installation of tanks, to arrange for other works to be carried out on the farms and therefore additional improvements were secured.

At the end of the year further schemes involving the installation of bulk tanks were under consideration along with modernisation proposals for a further two farms. It would seem reasonable to suggest that in the not too distant future practically all the farms in the county will have changed over their milking methods to include bulk tanks with the necessary ancillary equipment.

A nuisance arose during the year from silage effluent from one farm near Sauchie. Self-feed silage and a cubicle system is in operation in the farm. The liquor tanks became overloaded and the contents spilled over. Some of the effluent found its way down a roadside ditch to the Brothie Burn creating unpleasant conditions near the Railway Bridge at Sauchie.

The farmer was warned and remedial measures were taken but it was clear that the only solution was the enlargement of the storage tanks. An undertaking to this effect was given by the farmer.

This is a situation which will require to be watched carefully. More and more farmers will be turning to this intensive method of farming where self-feed silage is used with the resultant dangers from highly concentrated liquor.

At the moment there are no regulations about minimum tanks sizes for these premises. Although this Department does give advice there is no obligation on farmers to accept it. It would seem that with experience gained over the last few years it might now be possible for the Department of Agriculture to lay down minimum tank sizes for the storage of liquor, depending upon the acreage cultivated and the number of beasts in the farm. This would ensure at least that there was a margin available in liquor tanks and that all authorities were proceeding on the same formula.

Despite repeated warnings farmers do not yet apparently appreciate just how strong and intractable an effluent silage liquor produces. Only a small quantity discharged into a stream can have a highly polluting effect./

THE HISTORY OF THE  
CITY OF BOSTON  
FROM THE FIRST SETTLEMENT  
TO THE PRESENT TIME

By SAMUEL JOHNSON, LL.D.  
OF THE UNIVERSITY OF OXFORD.  
AND  
By JOHN ADAMS, ESQ.  
OF THE BAR AT BOSTON.

IN TWO VOLUMES.  
THE FIRST VOLUME  
CONTAINING  
THE HISTORY OF THE  
CITY OF BOSTON  
FROM THE FIRST SETTLEMENT  
TO THE PRESENT TIME.  
THE SECOND VOLUME  
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LONDON: Printed by J. JOHNSON, in Pall-mall.  
1790.

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In residential areas adjoining these farms the smell from silage and silage liquor can be most offensive to householders. There is some doubt if it is so offensive as to be a nuisance and this may be just another example of the price which has to be paid in the name of progress.

Undoubtedly the milk industry both on the production and processing sides is still in a state of flux and developments have by no means come to an end. It is indeed astonishing to look back only twenty years and to view the changes which have taken place.

It was unfortunately necessary to take action against one dairy producer whose record of sampling was most unsatisfactory. After considering the case the Health Committee decided to suspend the dairyman's licence to produce "T.T." milk for three months. An appeal was lodged with the Secretary of State but this was dismissed. The case was all the more unfortunate because once again the county had an excellent sampling record for the year. This merely underlines the fact that given reasonable attention to detail there is no reason at all why the bacteriological standards cannot be complied with.

Indeed there seems good reason for suggesting now that the standards laid down could be tightened up without detriment to farmers.

Draft regulations amending the Milk (Special Designations) (Scotland) Order were under consideration during the year and it was suggested in these that the E. Coli test should be dropped for certain grades of milk. Many held the view that this test of all tests should be retained. The idea too that a new grade of Milk - "Super Certified" should be introduced was hardly well received. It is felt that Certified as a grade should be abolished completely if for no other reason that many T.T. milks are bacteriologically as good as, if not better than, "Certified" milk at present.

Other changes suggested by the draft regulations made it apparent that there was a danger local authorities would lose a considerable measure of control over dairy premises and this step too was, and should be, strenuously resisted. After all much of the credit for improvements in the production and supply of milk over the years belongs to the local authorities and their officers.

Few complaints were made by the public about the quality of milk supplied, which bears out the statistical analysis of the county's milk supply on the milk sampling record. There were a number of complaints however in another direction - from dairyman against the public! These complaints were perfectly justified and related to misuse of milk bottles. Some of these bottles were in a deplorable condition when returned. They had obviously been used for the storage and dispensing of motor oil, paraffin, and goodness knows what else. The best bottle washing machine in the world will not cope with all these situations and a considerable number of bottles require to be scrapped each year. This is bad enough, but there is always the chance - no matter how well run the plant - that one of these bottles will slip through the bottling plant placing the dairyman in a very difficult situation if a complaint is made against him.

The ideal milk receptacle has yet to be produced. Cartons are still expensive and retailers who have tried this method of distribution maintain that there is sales resistance to milk sold in this form. Returnable containers of any description hold hazards of the type mentioned above and dried milk is not generally popular.



Maybe the ultimate solution is, as I have suggested before, the elimination of daily deliveries and a weeks supply being delivered at one time in a large container to be kept in a specially refrigerated unit in the house.

A full survey of all dairy premises in the County was carried out by the Area Food Hygiene and Dairy Officer of the Scottish Home and Health Department. This report was satisfactory.

#### General.

As will be seen from the sampling record a considerable number of samples were taken during the year. The Health Committee believe, despite suggestions to the contrary, that one of the most effective ways of keeping control of the situation is to ensure that every farmer knows that his milk is to be subject to examination at frequent intervals and this policy appears to have paid dividends.

There will be a reduction in the number of samples next year as with the rapid introduction of bulk tanks at farms and with a change in plant at the local S.C.W.S. creamery nearly all sampling will require to be done at the farms. This will restrict the number of samples which can be taken on any one day considerably.

At this stage it is worth noting that three separate laboratories are used by this authority. Milk samples for bacteriological examination are examined in Paisley, bacteriological water samples are dealt with in Glasgow and Food and Drugs samples in Edinburgh. The amount of travelling involved to these places is considerable and accounts for much "wasted" staff time. It is to be hoped that the day will not be too long delayed before there is a central public health laboratory within easy reach of this county.

No testing was done during the year for residual antibiotics in milk because of difficulties in finding a laboratory willing and equipped to do the necessary tests. Discussions were still under way at the end of the year in an effort to resolve this problem.

#### Pasteurisation Plants.

Early in the year the Holder type Plant at Gaberston owned by Mr. A. Nicol ceased production. The dairy premises were taken over by another producer and used only as a milk storage depot.

Later in the year a new pasteurisation plant operated by Mr. M. Nicol at Ochil Dairy, Tillicoultry was commissioned. This plant too is of the Holder type and is housed in a modern dairy.

The S.C.W.S. Plant at Sunnyside continued to operate satisfactorily during the year and many improvements were either under way or contemplated. These included the installation of a new 2,000 gallon tank to allow tanker lorries to discharge. A chilled water section is under consideration for the H.T.S.T. Plant and a new boiler installation is also likely to be provided.

The/

The undersigned do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the County of ... State of ...

Witness my hand and seal of office at the City of ... this ... day of ... 1870.

Notary Public

I, the undersigned, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the County of ... State of ...

Witness my hand and seal of office at the City of ... this ... day of ... 1870.

I, the undersigned, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the County of ... State of ...

Witness my hand and seal of office at the City of ... this ... day of ... 1870.

Notary Public

I, the undersigned, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the County of ... State of ...

Witness my hand and seal of office at the City of ... this ... day of ... 1870.

I, the undersigned, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the County of ... State of ...

Witness my hand and seal of office at the City of ... this ... day of ... 1870.



The plants operated well during the year. Seventy-four samples were taken, seventy passing all the tests.

In addition fifty-seven washed bottles were submitted for examination, fifty-six being classified as satisfactory.

Milk Sampling.

A table detailing sampling results for the year is given overleaf. As previously mentioned, 1963 was another record year. 610 samples of milk were submitted for examination and of this total 92.3% were satisfactory. This compares with 617 samples of which 92.1% were satisfactory in 1962.



Synopsis of Milk Sampling Results for the year 1963.

Month	T.T. Milk Produced within the County		T.T. Milk Pasteurised within the County		Totals	
	Taken	Satisfactory	Taken	Satisfactory	Taken	Satisfactory
Jan.	56	54	5	5	61	59
Feb.	79	79	4	4	83	83
March	50	47	10	9	60	56
April	51	49	6	6	57	55
May	55	47	12	11	67	58
June	42	36	8	8	50	44
July	40	32	8	6	48	38
August	18	16	4	4	22	20
Sept.	25	24	2	2	27	26
Oct.	54	48	6	6	60	54
Nov.	45	42	6	6	51	48
Dec.	21	19	3	3	24	22
Total	536	493	74	70	610	563
Percentage Satisfactory in 1963.		91.9%		94.8%		92.3%





Ice Cream (Scotland) Regulations.

Regular visits of inspection were paid to the 26 registered premises in the county. Only minor matters requiring attention were found on these routine visits and all were speedily rectified.

Twelve ice cream samples were submitted for bacteriological examination. Two samples were reported as unsatisfactory. It was regretted that more sampling of this product was not found possible for reasons already adduced.

Ice cream vehicles were regularly examined and were generally found to be in good order.

There is a growing tendency for some ice cream producers to sell ice cream in bulk to vendors and this can lead to some complications if the ice cream does not conform to the required standards. Several cases of this nature occurred.

Ice cream vans selling 'soft' ice cream have become popular during the year and in the main there has been no difficulty in ensuring that equipment on vans for this product is kept clean and in good order.

Noise nuisance is still associated with ice cream vendors more so than any other form of street trader. To attract attention a variety of musical (?) permutations are used. This varies from raucous horns to whistles and musical chimes, - a real source of annoyance to those who do not appreciate this type of musical entertainment. The public are difficult to satisfy on this score however for, for every one who objects to the noise there are others who would complain bitterly if they missed the "ice cream man" because they didn't hear him!

One or two warnings were given to vendors and for a time at least these proved effective.

Undernoted is a table showing the position in respect of registration and withdrawals of licences for vehicles and premises along with a comparison for the previous year.

	<u>Premises</u>	<u>Vehicles.</u>
Number of registrations in force at end of 1962.	23 (26)	30 (24)
Number granted during year.	1 (1)	12 (9)
Number cancelled during year.	2 (4)	3 (3)
Number discontinued during year for other reasons.	- (-)	- (-)
	<hr/>	<hr/>
Number in force at end of 1963.	22 (23)	39 (30)
	<hr/>	<hr/>

General Information

1. Name of the person or persons to whom the property was transferred: \_\_\_\_\_

2. Date of the transfer: \_\_\_\_\_

3. Description of the property transferred: \_\_\_\_\_

4. Name of the person or persons who transferred the property: \_\_\_\_\_

5. Address of the person or persons who transferred the property: \_\_\_\_\_

6. Name of the person or persons to whom the property was transferred: \_\_\_\_\_

7. Address of the person or persons to whom the property was transferred: \_\_\_\_\_

8. Name of the person or persons who transferred the property: \_\_\_\_\_

9. Address of the person or persons who transferred the property: \_\_\_\_\_

10. Name of the person or persons to whom the property was transferred: \_\_\_\_\_

11. Address of the person or persons to whom the property was transferred: \_\_\_\_\_

12. Name of the person or persons who transferred the property: \_\_\_\_\_

Food and Drugs Adulteration Act 1956.

142 samples were taken during the year comprising 15 formal samples. Two samples of mince and one of sausages were reported as unsatisfactory in that they contained excess preservative and preservative outwith the permitted season.

The three butchers concerned were charged with the offences at Alloa Sheriff Court. All three plead guilty and fines totalling £20 were imposed by the Sheriff.

It seems that this has now become an annual 'game' in many parts of Scotland and the fines are merely looked upon by some butchers as a licence to carry on as before. The sooner this idea is scotched by the imposition of realistic penalties the better for all concerned.

No special examinations were found to be necessary during the year.

A list of the products examined is given below.

Food and Drugs (Scotland) Act 1956.

Milk	( Informal Samples taken	-	6
	( Informal Samples satisfactory	-	6
Foods	( Informal Samples taken	-	118
	( Informal Samples satisfactory	-	118
Drugs	( Informal Samples taken	-	3
	( Informal Samples satisfactory	-	3
Whiskey	( Formal Samples taken	-	6
	( Formal Samples satisfactory	-	6

The Preservatives in Food (Scotland) Regulations 1962.

Mince	( Formal Samples taken	-	6
	( Formal Samples satisfactory	-	4
Sausages	( Formal Samples taken	-	3
	( Formal Samples satisfactory	-	2



Alloa Burgh Slaughterhouse.

There was a decrease in the number of beasts slaughtered, 8,064 compared with 9,110 the previous year. A table showing the number and types of animals killed together with the amount of meat condemned is given over.

Of the 55 beasts totally condemned a number of these were casualty animals or aged. There were 4 total condemnations because of tuberculosis and 2 cases of cysticercus bovis were discovered on post mortem examination. These bovis carcasses were sent to cold store for the requisite period before being sold.

Meat inspection is carried out at the Slaughterhouse by the Superintendent assisted when necessary by the Staff of this Department.

New legislation, which will soon be effective, means that a stunning pen will require to be provided within the next two years and in addition other improvements will be needed to comply with the Food (Preparation and Distribution of Meat) (Scotland) Regulations 1963.

Unsound Food.

There was an increase in the amount of food condemned as unfit for human consumption or otherwise unsaleable during the year, 2 tons 9 cwts. compared with one ton 18 cwts. for 1962. There was no special reason for this increase. Most of the goods condemned were canned, and much of the waste was needless, arising from bad handling.



Washington, D.C.

Dear Sir,

I have the honor to acknowledge the receipt of your letter of the 10th inst. in relation to the matter of the ...

I am sorry to hear that you are unable to attend the ...

I am, Sir, very respectfully,  
Your obedient servant,  
John ...

Very truly,  
Yours,

I am, Sir, very respectfully,  
Your obedient servant,  
John ...

Table showing numbers of animals slaughtered and weights of meat  
condemned at Alloa Burgh Slaughterhouse in 1963.

CLASS OF ANIMAL	NUMBER KILLED	TOTALLY CONDEMNED		PARTIALLY CONDEMNED		ORAINS		TOTAL WEIGHT.
		NUMBER	WEIGHT	NUMBER	WEIGHT	NUMBER	WEIGHT	
CATTLE	2,825	17	7,474	23	1,255	636	12,289	21,018
CALVES	513	18	1,283	-	-	-	-	1,283
SHEEP	3,332	15	728	16	143	85	432	1,303
PIGS	1,394	5	1,116	13	131	79	420	1,667
TOTAL	8,064	55	10,601	52	1,529	800	13,141	25,271

THE UNIVERSITY OF CHICAGO  
 LIBRARY

No.	Date	Description	Amount	Total	Balance	Total	Balance
1	1842	Jan 1	100.00	100.00	100.00	100.00	100.00
2	1842	Feb 1	50.00	150.00	150.00	150.00	150.00
3	1842	Mar 1	25.00	175.00	175.00	175.00	175.00
4	1842	Apr 1	75.00	250.00	250.00	250.00	250.00
5	1842	May 1	100.00	350.00	350.00	350.00	350.00
6	1842	Jun 1	150.00	500.00	500.00	500.00	500.00
7	1842	Jul 1	200.00	700.00	700.00	700.00	700.00
8	1842	Aug 1	250.00	950.00	950.00	950.00	950.00
9	1842	Sep 1	300.00	1250.00	1250.00	1250.00	1250.00
10	1842	Oct 1	350.00	1600.00	1600.00	1600.00	1600.00
11	1842	Nov 1	400.00	2000.00	2000.00	2000.00	2000.00
12	1842	Dec 1	450.00	2450.00	2450.00	2450.00	2450.00
13	1842	Jan 1	500.00	2950.00	2950.00	2950.00	2950.00
14	1842	Feb 1	550.00	3500.00	3500.00	3500.00	3500.00
15	1842	Mar 1	600.00	4100.00	4100.00	4100.00	4100.00
16	1842	Apr 1	650.00	4750.00	4750.00	4750.00	4750.00
17	1842	May 1	700.00	5450.00	5450.00	5450.00	5450.00
18	1842	Jun 1	750.00	6200.00	6200.00	6200.00	6200.00
19	1842	Jul 1	800.00	7000.00	7000.00	7000.00	7000.00
20	1842	Aug 1	850.00	7850.00	7850.00	7850.00	7850.00
21	1842	Sep 1	900.00	8750.00	8750.00	8750.00	8750.00
22	1842	Oct 1	950.00	9700.00	9700.00	9700.00	9700.00
23	1842	Nov 1	1000.00	10700.00	10700.00	10700.00	10700.00
24	1842	Dec 1	1050.00	11750.00	11750.00	11750.00	11750.00
25	1842	Jan 1	1100.00	12850.00	12850.00	12850.00	12850.00
26	1842	Feb 1	1150.00	14000.00	14000.00	14000.00	14000.00
27	1842	Mar 1	1200.00	15200.00	15200.00	15200.00	15200.00
28	1842	Apr 1	1250.00	16450.00	16450.00	16450.00	16450.00
29	1842	May 1	1300.00	17750.00	17750.00	17750.00	17750.00
30	1842	Jun 1	1350.00	19100.00	19100.00	19100.00	19100.00
31	1842	Jul 1	1400.00	20500.00	20500.00	20500.00	20500.00
32	1842	Aug 1	1450.00	21950.00	21950.00	21950.00	21950.00
33	1842	Sep 1	1500.00	23450.00	23450.00	23450.00	23450.00
34	1842	Oct 1	1550.00	25000.00	25000.00	25000.00	25000.00
35	1842	Nov 1	1600.00	26600.00	26600.00	26600.00	26600.00
36	1842	Dec 1	1650.00	28250.00	28250.00	28250.00	28250.00
37	1842	Jan 1	1700.00	30000.00	30000.00	30000.00	30000.00
38	1842	Feb 1	1750.00	31750.00	31750.00	31750.00	31750.00
39	1842	Mar 1	1800.00	33600.00	33600.00	33600.00	33600.00
40	1842	Apr 1	1850.00	35500.00	35500.00	35500.00	35500.00
41	1842	May 1	1900.00	37450.00	37450.00	37450.00	37450.00
42	1842	Jun 1	1950.00	39450.00	39450.00	39450.00	39450.00
43	1842	Jul 1	2000.00	41500.00	41500.00	41500.00	41500.00
44	1842	Aug 1	2050.00	43600.00	43600.00	43600.00	43600.00
45	1842	Sep 1	2100.00	45750.00	45750.00	45750.00	45750.00
46	1842	Oct 1	2150.00	47950.00	47950.00	47950.00	47950.00
47	1842	Nov 1	2200.00	50200.00	50200.00	50200.00	50200.00
48	1842	Dec 1	2250.00	52500.00	52500.00	52500.00	52500.00
49	1842	Jan 1	2300.00	54850.00	54850.00	54850.00	54850.00
50	1842	Feb 1	2350.00	57250.00	57250.00	57250.00	57250.00
51	1842	Mar 1	2400.00	59700.00	59700.00	59700.00	59700.00
52	1842	Apr 1	2450.00	62200.00	62200.00	62200.00	62200.00
53	1842	May 1	2500.00	64750.00	64750.00	64750.00	64750.00
54	1842	Jun 1	2550.00	67350.00	67350.00	67350.00	67350.00
55	1842	Jul 1	2600.00	70000.00	70000.00	70000.00	70000.00
56	1842	Aug 1	2650.00	72650.00	72650.00	72650.00	72650.00
57	1842	Sep 1	2700.00	75400.00	75400.00	75400.00	75400.00
58	1842	Oct 1	2750.00	78150.00	78150.00	78150.00	78150.00
59	1842	Nov 1	2800.00	81000.00	81000.00	81000.00	81000.00
60	1842	Dec 1	2850.00	83850.00	83850.00	83850.00	83850.00
61	1842	Jan 1	2900.00	86800.00	86800.00	86800.00	86800.00
62	1842	Feb 1	2950.00	89800.00	89800.00	89800.00	89800.00
63	1842	Mar 1	3000.00	92850.00	92850.00	92850.00	92850.00
64	1842	Apr 1	3050.00	95950.00	95950.00	95950.00	95950.00
65	1842	May 1	3100.00	99100.00	99100.00	99100.00	99100.00
66	1842	Jun 1	3150.00	102300.00	102300.00	102300.00	102300.00
67	1842	Jul 1	3200.00	105550.00	105550.00	105550.00	105550.00
68	1842	Aug 1	3250.00	108850.00	108850.00	108850.00	108850.00
69	1842	Sep 1	3300.00	112200.00	112200.00	112200.00	112200.00
70	1842	Oct 1	3350.00	115600.00	115600.00	115600.00	115600.00
71	1842	Nov 1	3400.00	119050.00	119050.00	119050.00	119050.00
72	1842	Dec 1	3450.00	122550.00	122550.00	122550.00	122550.00
73	1842	Jan 1	3500.00	126100.00	126100.00	126100.00	126100.00
74	1842	Feb 1	3550.00	129650.00	129650.00	129650.00	129650.00
75	1842	Mar 1	3600.00	133300.00	133300.00	133300.00	133300.00
76	1842	Apr 1	3650.00	136950.00	136950.00	136950.00	136950.00
77	1842	May 1	3700.00	140700.00	140700.00	140700.00	140700.00
78	1842	Jun 1	3750.00	144500.00	144500.00	144500.00	144500.00
79	1842	Jul 1	3800.00	148350.00	148350.00	148350.00	148350.00
80	1842	Aug 1	3850.00	152250.00	152250.00	152250.00	152250.00
81	1842	Sep 1	3900.00	156200.00	156200.00	156200.00	156200.00
82	1842	Oct 1	3950.00	160150.00	160150.00	160150.00	160150.00
83	1842	Nov 1	4000.00	164200.00	164200.00	164200.00	164200.00
84	1842	Dec 1	4050.00	168250.00	168250.00	168250.00	168250.00
85	1842	Jan 1	4100.00	172400.00	172400.00	172400.00	172400.00
86	1842	Feb 1	4150.00	176550.00	176550.00	176550.00	176550.00
87	1842	Mar 1	4200.00	180800.00	180800.00	180800.00	180800.00
88	1842	Apr 1	4250.00	185050.00	185050.00	185050.00	185050.00
89	1842	May 1	4300.00	189350.00	189350.00	189350.00	189350.00
90	1842	Jun 1	4350.00	193700.00	193700.00	193700.00	193700.00
91	1842	Jul 1	4400.00	198100.00	198100.00	198100.00	198100.00
92	1842	Aug 1	4450.00	202550.00	202550.00	202550.00	202550.00
93	1842	Sep 1	4500.00	207050.00	207050.00	207050.00	207050.00
94	1842	Oct 1	4550.00	211600.00	211600.00	211600.00	211600.00
95	1842	Nov 1	4600.00	216200.00	216200.00	216200.00	216200.00
96	1842	Dec 1	4650.00	220850.00	220850.00	220850.00	220850.00
97	1842	Jan 1	4700.00	225550.00	225550.00	225550.00	225550.00
98	1842	Feb 1	4750.00	230300.00	230300.00	230300.00	230300.00
99	1842	Mar 1	4800.00	235100.00	235100.00	235100.00	235100.00
100	1842	Apr 1	4850.00	239950.00	239950.00	239950.00	239950.00

## Food Hygiene.

Progress continues to be made in this field but for many it is too slow. Each year, however, a satisfying number of applications are made for alterations to premises and equipment is continually being renewed. If the success of food hygiene depended solely on equipment and premises then work and worry would be halved at least. Methods of food handling are not progressing with the same speed as modernisation of premises.

Just how many warnings have to be issued to be effective? Is prosecution the only answer and if so at what stage should this be started? These fundamental questions have troubled the minds of many Sanitary Inspectors. What is the alternative? Education? But how much?

The Staff of the Department have always tried to be helpful and on visits of inspection have painstakingly pointed out faulty hygiene techniques and have given reasons as to why they were considered unsatisfactory. It is obvious, however, that the time devoted to this type of work is inadequate and if any real effect is to be achieved by educative methods then it can only be done by the wearisome round of repetition. In all 283 visits were paid to food premises.

It was unfortunately necessary to start proceedings against a baker for 11 contraventions of the Food Hygiene (Scotland) Regulations. The baker pleaded guilty to the charges when the case was called in the Sheriff Court. A fine of £10 was imposed as the case was the first of the kind in the area. None of the offences libelled were trivial and the conditions complained of were a potential source of danger.

During the year a further survey of premises - mainly bakers and butchers was carried out by the Chief Food Dairy Officer of the Scottish Home and Health Department along with the Department's Area Food and Dairy Officer. Recommendations made by these officers were implemented where possible.

Investigations were carried out into mould growths on bakery walls and steam rooms. This is something of a national problem and the Scottish Home and Health Department through their Area Officer at Stirling, Mr. J. Bell, took a keen interest in the investigations. Valuable assistance was given in the study by the Micro-biological unit of the Distillers Company Ltd. from the Research Station at Glenochil and their assistance in this is gratefully acknowledged.

From the specimens procured it seemed that *CLOSTRIUM* *HERVARUM* was probably the main cause of the growth but equally other strains could have been involved. It was unlikely, in any event, that one strain was in a preponderance. The measures needed to control the situation, it was agreed, included adequate ventilation of premises, low humidity and low temperature. Where this was not possible smooth surfaces, adequate washing of walls with hot water containing a bactericidal agent and the use of anti-fungicidal paints was suggested.

These points will be borne in mind when giving advice on the construction of new bakery premises or reconstruction works on existing ones.

The public show a fair amount of interest in food hygiene if the reaction to talks given to pre-formed groups in any guide. It is a pity that more of them would not feel so self conscious about drawing attention to faulty practices in food shops which they frequent.

In the drive to ensure clean food all members of the public are Sanitary Inspectors and they could contribute more to making the campaign successful./



Received of the Treasurer of the County of ...  
the sum of ... Dollars ...  
for ...

Witness my hand and seal of office ...  
this ... day of ... 1892

Attest: ...  
County Clerk

Received of the Treasurer of the County of ...  
the sum of ... Dollars ...  
for ...

Witness my hand and seal of office ...  
this ... day of ... 1892

Attest: ...  
County Clerk

Received of the Treasurer of the County of ...  
the sum of ... Dollars ...  
for ...

Witness my hand and seal of office ...  
this ... day of ... 1892

Attest: ...  
County Clerk

Received of the Treasurer of the County of ...  
the sum of ... Dollars ...  
for ...



Only two complaints were received during the year. One related to premises and another to a mouldy pie which had been sold from a food van. On investigation it appeared that in the latter case a genuine mistake had been made because of faulty stock rotation in the wholesalers and other than issuing a warning it was felt that no further action was called for.

It would, however, be imprudent to suggest, that because there were only two complaints, there were not others which never came to the notice of the Department and in this, as in some other cases, statistics must be viewed with a degree of suspicion.

If anything there was an increase in the number of food vans operating in the area. Some from recognised trading bases such as shops, others of the free lance variety. It is estimated that the number of vans trading in the county is in the order of 130 but this is a difficult figure to check.

There appears to be no reason why ice cream vans require to be registered and subject to scrutiny before a registration certificate is issued yet vans selling boiled ham, pies and other perishables need not be registered. These vans are a constant source of worry to public health authorities. The oft heard questions are "Whose are they?" "Where are they?" "Where are they kept?" Registration would at least give the answer to some of these questions.

A large number of the vans are well equipped and in some cases are better than the shop premises from which they operate but there are others where there is a lot to be desired.

#### Prevention of Damage by Pests Act.

A detailed statement of the work carried out under this heading is given overleaf.

It was decided during the year to attempt a sewer survey in Alloa Burgh with a view to determining the overall position of rat infestation in the town. To this end the Department were assisted greatly by the Department of Agriculture. The general assessment of the position was satisfactory as there was no evidence of serious infestations. One or two surprises did, however, turn up, minor infestations being discovered in areas where they were not expected. Treatment measures were carried out and checked later.

It is hoped that it will be found possible to extend the surveys to other areas of the county so that further checks on control measures can be carried out.

The motor cycle provided for the Rat Catcher continues to give good service but in view of the amount of equipment, etc., to be carried it would seem more appropriate in due course to replace this vehicle by a small van.

Regular visits of inspection are paid by the Rat Catcher to premises likely to become rat infested. These premises include refuse tips, the slaughterhouse and sewage ditches.

In addition inspectorial staff of the Department note any signs of rat or mice infestation while engaged on other visits of inspection and rent collectors and clerks of works also report any signs of vermin. This together with information given by the general public allows a fairly clear picture to be built up of centres of infestation and the effectiveness of control measures.



Warfarin is still the main poison in use and it has acted satisfactorily.

Vermin proofing is, however, still a difficult subject to get across to prospective builders of houses, shops or stores and only limited success can be claimed in this direction.

#### Infectious Diseases.

There was only one outbreak of any note during the year. This occurred in a boarding school in the area where a number of boys in one dormitory were suddenly stricken with vomiting and diarrhoea. The illness only lasted two days or so. The incident was investigated along with the Medical Officer and there was no reason to suspect that any food, water or milk supply was implicated.

A total of sixty visits of investigation were made mostly in relation to cases of intestinal upset of unspecified origin. Arrangements were made for the collection of specimens from patients and contacts.

Despite the fact that in this report infectious diseases can be dismissed in a few sentences it should be always borne in mind, that there is always the possibility of a serious outbreak at any time and the staffing of Public Health Departments must be adequate to meet any such outbreak immediately. Until infectious diseases are eradicated completely in the world, there will be no certainty that a serious outbreak will not occur in this country. The facilities and means must, therefore, be available to contain and eliminate such a situation should it arise.

#### Disinfestation.

No cases of bug or flea infestation were brought to the notice of the Department. This is a big advance on the position at even the end of the war. New and better housing contributes greatly to the elimination of distressing infestations which were no respectors of persons or property. Fifty one visits were, however, paid under this heading and disinfestation measures were carried out in respect of wasps, flies, cockroaches, silver fish, ants, and other insects.

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Abstract of work done in 1963 under the Prevention  
of Damage by Pests Act 1949.

	Type of Property.				
	Local Authority Properties.	Dwelling Houses.	Business or Industrial Premises.	Agricultural Properties.	Total
1. Number of properties inspected by the Local Authority during 1963.					
(a) as a result of notification.	2	141	18	1	162
(b) Otherwise	13	10	4	2	29
Total	15	151	22	3	191
2. Number of above properties found to be infested by rats or mice.	10	145	17	3	175
3. Number of above infested properties satisfactorily cleared					
(a) By the Local Authority.	10	137	13	3	163
(b) Otherwise	-	3	2	-	5
Total	10	140	15	3	168





### Nuisances.

162 visits were paid under this heading. Complaints ranged over a wide field and in many cases had no direct bearing on public health. There was the usual miscellany of choked drains, dirty houses, offensive smells, minor defects in property and dumping of rubbish. In the main all were speedily remedied when brought to the notice of the persons responsible. In other cases direct action was taken to remove the cause of the trouble by the Department.

There were several complaints during the year again about a strong smell of gas in the Southern area of Alloa.

Investigations were made at the time of the episodes but it was not found possible to say with any certainty what the origin of the smell was. Several theories were held valid for a while but all collapsed under close scrutiny. Valuable assistance was given by the Alkali Inspectorate of the Scottish Department during these investigations. The position is being kept under constant review.

Complaints about smells are never exactly welcomed by the Sanitary Department. As often as not several fruitless visits are paid, the Inspector being told "it was really bad ten minutes ago!"

An example of the type of case which arises from time to time is worth reporting.

Early one evening a lady complained that she could not use her kitchen for a strong smell of ammonia which it was alleged was coming from a drain or sewer near the house. The complaint was investigated at once when it was noticed that there was a pool of liquid under the refrigerator. This proved to be the source of the smell as the expansion unit of the refrigerator has broken. Liberal use of hot water remedied the complaint.

### Cleansing and Scavenging.

The six vehicles used on cleansing and drainage operations ran a total of 59,520 miles using 5,085 gallons of fuel oil averaging 11.7 m.p.g. The Johnstone Suction sweeper covered 4,513.

The fleet has been standardised to Shelvoke and Drewry loaders and the most recent acquisition fitted with a power press is carrying out its duties well and is saving considerable time as the number of runs to the tip has been reduced from something like five to twice daily.

Consideration may well be given in the future to fitting the other lorries with compression units.

The establishment of 39 men involved in cleansing and drainage duties remained constant during the year. This total includes one foreman.

Once again rising costs were absorbed and the Department operated within its estimate.

The service operates daily throughout the year without fuss and with no flourish of trumpets. Indeed it operates so well that one complaint last year was from a tenant that on the previous day the refuse lorry had been half an hour early and this had upset the tenant's daily schedule!

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A few complaints were received about the treatment of dustbins by Cleansing Department staff. It was alleged that bins were being abused. This is a double edged complaint for an investigation it was discovered that bins had been ill treated but only because refuse had been allowed to cake inside them through lids being left off by tenants. The staff were faced with the dilemma of half emptying the bins or using a bit of old fashioned brute force.

A severe winter did not disrupt the service but it put a big strain on street cleansing resources in lifting grit, etc., spread during the frost and snow.

Absence of staff from duty through illness, etc., accounted for 341 days which is slightly less than last year but is still the equivalent of the loss of one man for a year.

The Cleansing Department hardly ranks high in the 'popularity' stakes of a local authority - it rarely does. Yet it carries out an essential service and attention is only focussed on it when it grinds to standstill for one reason or another. Cleansing costs are unrealistic because basically they are far too low. Soon the public is going to demand even higher standards of collection and disposal and these demands are going to be difficult to resist. Indeed apart from the public interest they are overdue for the workers. The job of a refuse collector while essential is not overpaid and is hardly sought after with eagerness.

There is still a need for a well equipped cleansing depot with facilities for carrying out repairs to vehicles and providing suitable locker and shower accommodation, etc., for the men.

The premises mentioned in the report for 1962 proved to be unsuitable for the purpose and were adopted for use by some other Departments.

#### Refuse Disposal.

It became evident during the year that the foregoing resources available to the Landward Committee were fast drawing to an end and that other means of disposal would require to be considered. The same situation is obtaining in other local authority areas in the county. No further progress was made in relation to a disposal plant but this is a situation which must be faced up to soon.

Sites for tips are becoming scarce: those which are available are in the perimeter of the county and other sites in the centre of the county, while suitable at the moment could well be unsuitable in a few years time because of housing and other developments. A plant, therefore, seems the only way out of the present impasse.

Tipping is a satisfactory matter in any event is not satisfactory without suitable equipment, and an adequacy of top dressing. Neither is available. Tips tend to create nuisances in urban surroundings and they are becoming increasingly difficult to control satisfactorily by reason of the changing nature of refuse.

A refuse analysis was carried out during the year and the results are given overleaf.







1. Average density of refuse - 3 cwt. per cub. yd.
2. No. of cub. yd. per ton of refuse - 6.6
3. Approx. number of houses collected per cub. yd. - 16
4. Average analysis by weight of several test samples of domestic refuse:-

Dust.. . . . .	37.6%
Cinder .. . . . .	19.4%
Kitchen waste, bones and vegetable matter. . . . .	11.4%
Paper. . . . .	10.4%
Tins and Ferrous Metals. . . . .	4.4%
Non-Ferrous Metals .. . . . .	0.7%
Rags.. . . . .	0.9%
Bottles and Glass Containers.. . . . .	4.9%
Cullet .. . . . .	3.4%
Cardboard .. . . . .	2.4%
Rubber .. . . . .	0.5%
Plastics. . . . .	0.4%
Other unclassified material .. . . . .	3.6%

In comparison with analyses carried out by other Local Authorities the foregoing figures show a strong similarity both in the composition of the refuse and in the fact that, while there has been a sharp drop in recent years in the weight of refuse collected, there continues to be a slight increase in the bulk of the refuse. Check weighings of a weeks refuse in February showed a tonnage of 146 against a tonnage of 173 for a similar period in December 1960 while the volume of refuse collected has remained substantially unchanged. This is a reduction in weight of 15.5%

The average yield of refuse per house varies greatly and would appear to depend on the district and day of collection. For instance it was found that on Tuesdays the average weight per house in the Redlands Road area of Tullibody was 40lbs. whereas on Thursday in the Craigbank area of Sauchie it was 23lbs.

In fact, from the observations taken it would appear that the weight of the collection made on Mondays and Tuesdays is on average about 8% greater than that made on Thursdays and Fridays.

#### Water Supply.

A total of 85 samples were submitted for bacteriological examination from the various water undertakings in the county. 78 were classified satisfactory, 5 were suspicious and 12 were unsatisfactory. In addition four chemical water samples were submitted for examination.

The two million gallon capacity reinforced concrete storage tank at Lipney is in operation now. The county demand served by the Loch Turret Works through this tank has provided the average  $1\frac{1}{2}$  M.G.D. with a peak draw off in the region of 2.6 M.G.D. In order to prevent the maximum demand being reflected back to the temporary treatment plant at Turret Glen, the inlet flood valve at Lipney has been bridled to limit the draw off from Turret to a maximum of 1.55 M.G.D.



Consideration was given during the year to a proposition of a report by the Council's Consulting Engineers on the costs etc., of a new ring main for the Hillfoots area.

Acknowledgement is made of the Consulting Engineers assistance in the preparation of the foregoing relating to Turret, etc.

Work continued in Alloa Burgh on the extensive improvements to the water supply system for the town. When completed it will be possible to serve by gravity any part of the town and newer methods of filtration and storage are incorporated in the scheme.

Tillicoultry Town Council and the County Council Health Committee went on record as being in favour of fluoridation of water supplies, as an effort to prevent dental caries, and schemes to carry out this are under consideration at the present time.

#### Swimming Baths.

The swimming baths at Alloa which are open all the year and the baths at Alva which open during the summer months were well maintained during the year. 10 samples of water were taken from the ponds for bacteriological examination and all were reported satisfactory.

Both pools are well used and there is evidence to suggest that the popularity of these places might well increase considerably in the not too distant future.

#### Drainage.

A whole report could be written on this one subject alone - indeed many have been over recent years. Developments in the landward area of the county in particular have gone so fast that it is very difficult for the councils' officials or consulting engineers to give an accurate picture of what capacities, etc., should be allowed for, to deal with future growth. One estimate after another has had to be adjusted despite a feeling at the time that the allowance made was over generous.

I am indebted to Messrs. Babbie Shaw and Morton for the following statement on the position.

"During the year the contract for the connection of the drainage system of Fishcross to that of Sauchie was completed. Also completed was the sewerage system required for the private housing development at Sauchie by Messrs. Bett Bros. of Dundee.

Work on the Comprehensive Drainage scheme for the Burgh of Alloa and the landward area of the County was continued. The Scottish Development Department gave approval in principle for the proposals and at the moment are studying submissions with regard to apportioning costs. An official approach has been made to industrialists about their participation in the scheme and preparations for the letting of contracts for the sewerage work are well under way."

Also under examination were further proposals for a joint sewage works for the villages of Coalsnaughton and Devon-side and the Burgh of Tillicoultry. Recent facts suggest that this scheme may be the subject of complete review.

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Bacteriological Water Samples taken in 1963.

Area.	Satisfactory	Suspicious	Unsatisfactory	Total
Landward Area	11	1	9	21
Alloa Burgh	22	1	-	23
Alva Burgh	9	1	1	11
Tillicoultry Burgh	10	1	-	11
Dollar Burgh	8	1	2	11
Private Supplies	4	-	-	4
Civil Defence (Storage tank)	1	-	-	1
Alloa Swimming Pond	10	-	-	10
Alva Swimming Pond	3	-	-	3
Total	78	5	12	95



# TABLE 1. SUMMARY OF DATA FOR THE 1970-1971 SEASON

DATE	LOCATION	TIME	WIND	TEMP
10/1	1	1	11	10.0
10/2	1	1	11	10.0
10/3	1	1	11	10.0
10/4	1	1	11	10.0
10/5	1	1	11	10.0
10/6	1	1	11	10.0
10/7	1	1	11	10.0
10/8	1	1	11	10.0
10/9	1	1	11	10.0
10/10	1	1	11	10.0
10/11	1	1	11	10.0
10/12	1	1	11	10.0
10/13	1	1	11	10.0
10/14	1	1	11	10.0
10/15	1	1	11	10.0
10/16	1	1	11	10.0
10/17	1	1	11	10.0
10/18	1	1	11	10.0
10/19	1	1	11	10.0
10/20	1	1	11	10.0
10/21	1	1	11	10.0
10/22	1	1	11	10.0
10/23	1	1	11	10.0
10/24	1	1	11	10.0
10/25	1	1	11	10.0
10/26	1	1	11	10.0
10/27	1	1	11	10.0
10/28	1	1	11	10.0
10/29	1	1	11	10.0
10/30	1	1	11	10.0
10/31	1	1	11	10.0

Drainage developments as a whole took up a fair amount of staff time and resulted in many meetings with the Consulting Engineers who, as in former years, have proved most helpful and they have never rejected without very serious study criticisms or comments submitted to them on various aspects of the several schemes under review.

The first big stepping stone to progress in the drainage scheme will be the laying of the trunk sewer from Cambus to Alloa. This measure alone will go a long way to restoring the River Devon to its former prestige as a River of beauty and of recreation. Work on this should start late 1964 or early 1965 at the latest.

Turning to more mundane matters the Cleansing Department cleared 116 chokes in sewers during the year. From the objects retrieved which caused blockages it is inconceivable how some of them entered the sewer at all! Fortunately no excavations were required to remedy chokes.

The Pumping Station at Menstrie was maintained during the year without serious difficulty and the Department undertook the maintenance and running of another such station at Fishcross.

Twenty seven drains tests were carried out and it is of interest to note that because of the severe weather the first test to be carried out was towards the end of April.

#### Public Conveniences and Bus Shelters.

Regular attention was paid to the cleaning and maintenance of these properties. Once again the year was not without note so far as vandalism was concerned. The wash-hand basin in the convenience at Menstrie was shattered by a large boulder which must have required a considerable strength to lift. What this pointless destruction was meant to achieve or what protest was being worked off, if any, is impossible to determine. Other minor acts of vandalism such as broken lavatory chains, wilful choking of appliances, etc., were also recorded at various points.

Appeals to the public to report acts of vandalism are wasted and the situation will require to be tackled in some other way. This can best be done in the design stages by removing as many attractions to the vandals as possible.

#### Housing General.

Housing is still one of the most important functions of a Public Health Department and of a Local Authority. That considerable progress has been made in this area can be borne out by the figures in the 1961 Census.

In the Landward Area of the County, of the 4,989 householders 90.8% had exclusive use of hot and cold water, a fixed bath and a water closet. This is indeed a most creditable record.

Of the Burghs in the County, the position in Alloa was 79.3%, Alva 73.7%, Dollar 87.1% and Tillicoultry 81.2%

There is hope in the future in these figures and within the next five years there should be few, if any, unfit houses left.



Alloa Burgh.

No action was taken during the year to secure the closure of unfit houses. This was mainly due to the lack of new houses being available to re-house persons displaced.

It had been hoped that work would have started on the scheme to develop the Mar Policies thus providing the re-housing accommodation which was urgently required. Unfortunately at the end of the year there was no sign of work starting. This is the second year this comment has been made.

It is estimated that there are in the region of 80-100 houses in the town which still require to be dealt with by way of clearance or closure.

Landward Area.

Two houses were represented as unfit. In the main the unfit house is no longer a problem in this area. Some 40-50 houses are probably unfit. This represents only a fractional total of the number of occupied houses.

Alva Burgh.

No further progress can be reported on the proposal to the Town Council that they should deal with a central area comprising some 250 houses by way of clearance. Discussions were held with the Scottish Development Department on this and at the end of the year the Town Council's Architect had produced a layout drawing showing how this area could be developed. There is need to consider this as a matter of some urgency.

Apart from this area, 21 houses were reported to the Town Council as unfit.

Tillicoultry Burgh.

There are still some sub-standard houses in the town but the Town Council have plans for dealing with these in the near future.

New Houses.

The following new houses were completed during the year:-

<u>Area.</u>	<u>Number of apartments.</u>					<u>Total.</u>
	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7 or more.</u>	
County Landward	12	11	14	2	1	40
Alloa Burgh.	-	1	16	-	-	17
Alva Burgh.	3	3	-	-	-	6
Tillicoultry Burgh.	-	-	-	-	-	0
Dollar Burgh.	8	17	30	9	-	64
	23	32	60	11	1	127

In addition three applications were received for grant for three new agricultural workers houses and all were approved.



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### Improvement Grants.

There were five applications to the Landward Committee - one of which was refused. There were also five applications for standard grants - one of which was withdrawn.

### Factories Act.

As required, a copy of the Annual Return made in respect of the administration of the above Act is included as an appendix to this Report.

There were        factories on the register at the end of the year, all of which were inspected at least once. No serious contraventions of the regulations were noted but minor defects were drawn to the attention of the owners/occupiers and in every case this proved sufficient.

### Offices, Shops and Railway Premises Act 1963.

Some preliminary steps were taken to implement the provisions of the above Act which will become operational early next year. It was agreed by the authorities in the area that the Sanitary Department should carry out the necessary work on their behalf.

This Act will be welcomed. At long last office workers will have the same protection as workers in factories have enjoyed for a long number of years.

### Clean Air Act 1956.

Further progress was made in securing improvements to Industrial Boiler Premises. There is now only one chimney in the area which really causes concern. Warnings have been given about this and if these are not heeded a prosecution will undoubtedly follow. The position, therefore, on the industrial side is satisfactory.

It is unfortunate, however, that local authorities are still not over anxious to set up smoke control areas. There is no doubt that at first glance the arguments against taking such action appear sound but the arguments on the other hand for taking action are formidable.

There have been some minor skirmishes with industrialists installing new boiler plants in connection with chimney heights. Many architects and even boiler plant manufacturers seem unaware of the Memorandum on Chimney Heights prepared by the Ministry of Housing and Local Government and the Scottish Development Department.

Fortunately, it has always been possible so far to resolve any difficulties between the local authority and the industry concerned and satisfactory chimney heights have been agreed in each case. There were seven such cases during the year.

### Caravan Sites and Control of Development Act 1960.

Two applications for site licences were approved during the year. One in Alloa Burgh and one in the landward area. These related to individual caravans.

At the end of the year consideration was being given to a request for a site licence for four residential caravans in the landward area.



APPENDIX

FACTORIES ACT, 1961

BURGH OF ALLOA

Prescribed Particulars on the Administration  
of the Factories Act, 1961.  
Part I of the Act.

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Section 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	4	1	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	107	68	1	-
(iii) Other Premises in which Section 7 is enforced by the Local Authority (including out-workers' premises)	6	17	-	-
Total	117	86	1	-

Particulars  (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted  (6)
	Found  (2)	Remedied  (3)	Referred		
			To H.M. Inspector (4)	By H.M. Inspector (5)	
at of cleanliness (S.1.)					
ercrowding (S.2.)					
reasonable Temperature (S.3.)					
adequate ventilation (S.4.)					
ffective Drainage of floors (S.6.)					
itary Conveniences (S.7.)					
Insufficient					
Unsuitable or defective	4	4	-	1	-
Not separate for sexes					
er offences against the (not including offences ating to Out-work)					
Total	4	4	-	1	-

# STATE OF NEW YORK

IN SENATE

January 10, 1901

REPORT OF THE

COMMISSIONER OF THE LAND OFFICE

LANDS BELONGING TO THE STATE			AMOUNT OF LANDS	REVENUE
Year	Acres	Value		
1890	1,234,567	\$1,234,567	1,234,567	\$1,234,567
1891	1,234,567	\$1,234,567	1,234,567	\$1,234,567
1892	1,234,567	\$1,234,567	1,234,567	\$1,234,567
1893	1,234,567	\$1,234,567	1,234,567	\$1,234,567
1894	1,234,567	\$1,234,567	1,234,567	\$1,234,567
1895	1,234,567	\$1,234,567	1,234,567	\$1,234,567
1896	1,234,567	\$1,234,567	1,234,567	\$1,234,567
1897	1,234,567	\$1,234,567	1,234,567	\$1,234,567
1898	1,234,567	\$1,234,567	1,234,567	\$1,234,567
1899	1,234,567	\$1,234,567	1,234,567	\$1,234,567
1900	1,234,567	\$1,234,567	1,234,567	\$1,234,567

LANDS BELONGING TO THE STATE					REVENUE
Year	Acres	Value	Acres	Value	
1890	1,234,567	\$1,234,567	1,234,567	\$1,234,567	\$1,234,567
1891	1,234,567	\$1,234,567	1,234,567	\$1,234,567	\$1,234,567
1892	1,234,567	\$1,234,567	1,234,567	\$1,234,567	\$1,234,567
1893	1,234,567	\$1,234,567	1,234,567	\$1,234,567	\$1,234,567
1894	1,234,567	\$1,234,567	1,234,567	\$1,234,567	\$1,234,567
1895	1,234,567	\$1,234,567	1,234,567	\$1,234,567	\$1,234,567
1896	1,234,567	\$1,234,567	1,234,567	\$1,234,567	\$1,234,567
1897	1,234,567	\$1,234,567	1,234,567	\$1,234,567	\$1,234,567
1898	1,234,567	\$1,234,567	1,234,567	\$1,234,567	\$1,234,567
1899	1,234,567	\$1,234,567	1,234,567	\$1,234,567	\$1,234,567
1900	1,234,567	\$1,234,567	1,234,567	\$1,234,567	\$1,234,567



APPENDIX

FACTORIES ACT, 1961.

BURGH OF ALVA

Prescribed Particulars on the Administration  
of the Factories Act, 1961.

Part I of the Act.

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Section 1, 2, 3, 4 and 6 are to enforced by Local Authorities	-	-	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	32	24	2	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (including out-workers' premises)	3	7	-	-
Total	35	31	2	-

Particulars  (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted  (6)
	Found (2)	Remedied (3)	Referred		
			To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1.)					
Overcrowding (S.2.)					
Unreasonable Temperature (S.3.)					
Inadequate Ventilation (S.4.)					
Ineffective Drainage of floors (S.6.)					
Sanitary Conveniences (S.7.)					
(a) Insufficient					
(b) Unsuitable or defective	4	4	-	1	-
(c) Not separate for sexes					
Other offences against the Act (not including offences relating to Out-work)					
Total	4	4	-	1	-





APPENDIX

FACTORIES ACT, 1961.

BURGH OF TILlicOUNTRY

Prescribed Particulars on the Administration  
of the Factories Act, 1961.

Part I of the Act.

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Section 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	-	-	-	-
ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	25	21	3	-
iii) Other Premises in which Section 7 is enforced by the Local Authority (including out-workers' premises)	4	9	-	-
Total	29	30	3	-

Particulars  (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted  (6)
	Found (2)	Remedied (3)	Referred		
			To H.M. Inspector (4)	By H.M. Inspector (5)	
at of cleanlinss (S.1.)					
ercrowding (S.2.)					
Reasonable Temperature (S.3.)					
adequate ventilation (S.4.)					
ffective Drainage of floors (S.6.)					
itary Conveniences (S.7.)					
Insufficient					
Unsuitable or defective	3	3	-	-	-
Not separate for sexes					
er offences against the (not including offences relating to Out-work)					
Total	3	3	-	-	-



APPENDIX

FACTORIES ACT, 1961

BURGH OF DOJLAR

Prescribed Particulars on the Administration

of the Factories Act, 1961.

Part I of the Act.

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
i) Factories in which Section 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	-	-	-
i) Factories not included in (i) in which Section 7 is enforced by the Local Authority	8	3	-	-
i) Other Premises in which Section 7 is enforced by the Local Authority (including out-workers' premises)	1	3	-	-
Total	10	6	-	-

Particulars  (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted  (6)
	Found  (2)	Remedied  (3)	Referred		
			To H.M. Inspector (4)	By H.M. Inspector (5)	
State of cleanliness (S.1.)					
Overcrowding (S.2.)					
Reasonable Temperature (S.3.)					
Adequate ventilation (S.4.)					
Effective Drainage of floors (S.6.)					
Sanitary Conveniences (S.7.)					
Insufficient					
Unsuitable or defective					
Not separate for sexes					
Other offences against the (not including offences relating to Out-work)					
Total	-	-	-	-	-







APPENDIX

FACTORIES ACT, 1961

LANDWARD AREA

Prescribed Particulars on the Administration  
of the Factories Act, 1961.

Part I of the Act.

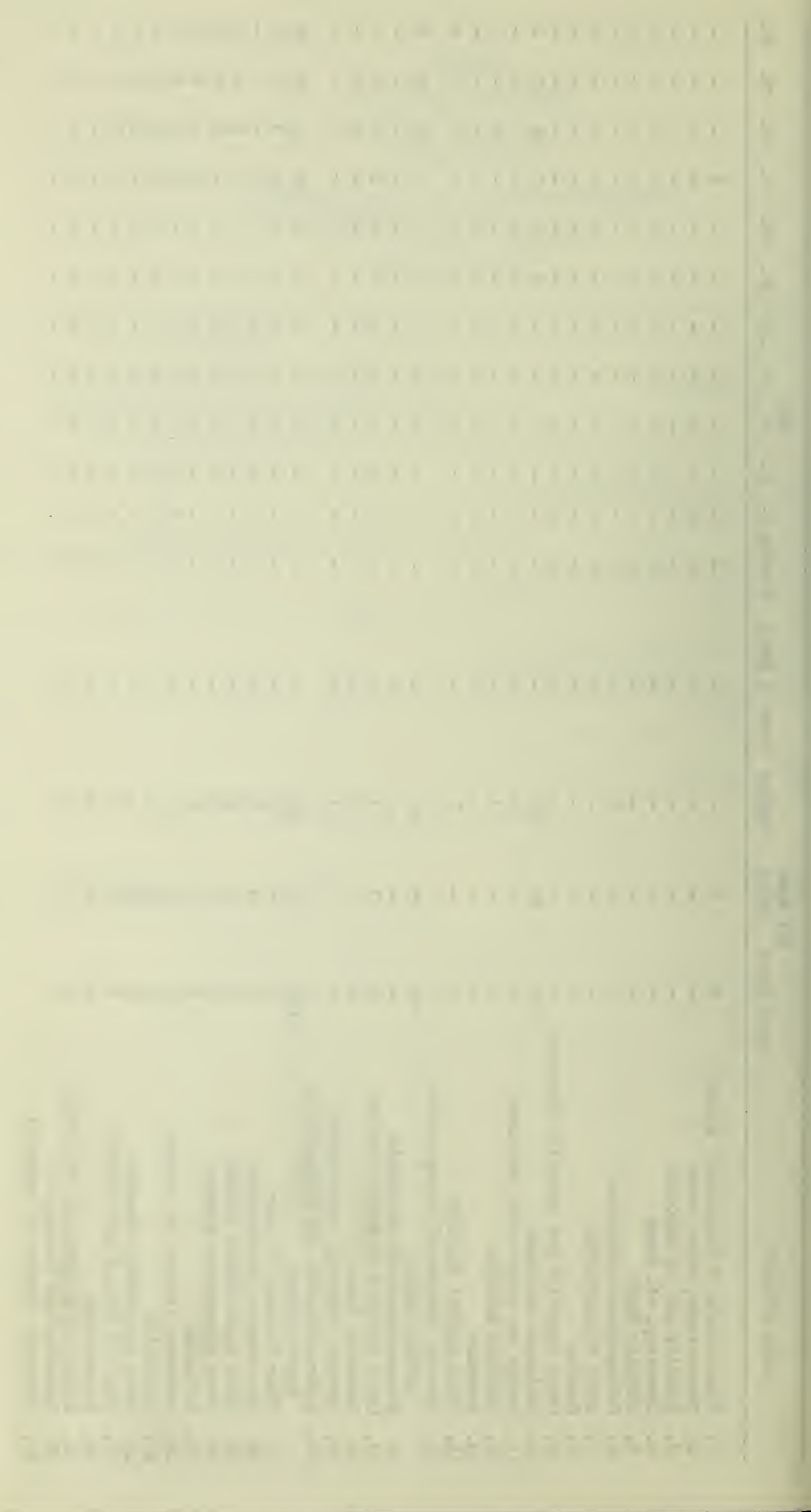
Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Section 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	-	-	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	37	19	2	-
iii) Other Premises in which Section 7 is enforced by the Local Authority (including out-workers' premises)	12	22	-	-
Total	49	41	2	-

Particulars  (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted  (6)
	Found  (2)	Remedied  (3)	Referred		
			To H.M. Inspector (4)	By H.M. Inspector (5)	
ant of cleanliness (S.1.)					
vercrowding (S.2.)					
unreasonable Temperature (S.3.)					
adequate ventilation (S.4.)					
neffective Drainage of floors (S.6.)					
Sanitary Conveniences (S.7.)					
a) Insufficient					
b) Unsuitable or defective	2	2	-	-	-
c) Not separate for sexes					
ther offences against the et (not including offences elating to Out-work)					
Total	2	2	-	-	-



Causes of Death (Corrected for Transfer) during 1962.

Cause of Death	All Ages			Age												
	Both Sexes	Males	Females	Under 4 weeks	4 weeks	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85-
1. Tuberculosis of respiratory system	3	3	-	-	-	-	-	-	-	-	-	-	3	-	-	-
2. Tuberculosis, other forms	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Syphilis and its sequelae	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. Dysentery, all forms	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. Meningococcal infections	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-
7. Acute Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9. Other infective and parasitic diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10. Malignant Neoplasms	79	42	37	-	-	-	-	2	-	-	4	12	17	25	17	2
11. Benign and unspecified neoplasms	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. Diabetes mellitus	3	-	3	-	-	-	-	-	-	-	-	-	-	2	-	1
13. Anaemias	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14. Other general diseases	2	-	2	-	-	-	-	-	-	-	-	-	-	1	1	-
15. Vascular lesions affecting central nervous system	66	25	41	-	-	-	-	-	-	1	1	1	7	19	29	8
16. Non-meningococcal meningitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17. Other diseases of nervous system	6	3	3	-	-	-	-	-	-	-	-	-	3	2	1	-
18. Rheumatic fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19. Chronic rheumatic heart disease	4	1	3	-	-	-	-	-	1	-	-	1	-	2	-	-
20. Arteriosclerotic and degenerative heart disease	125	71	54	-	-	-	-	-	-	-	1	9	27	41	35	12
21. Other diseases of heart	5	-	5	-	-	-	-	-	-	-	-	-	-	3	1	1
22. Hypertensive heart disease	3	2	1	-	-	-	-	-	-	-	-	-	2	-	1	-
23. Other hypertensive disease	7	4	3	-	-	-	-	-	-	-	-	-	1	5	-	1
24. Other circulatory disease	16	7	9	-	-	-	-	-	-	-	-	-	-	6	7	3
25. Influenza	4	2	2	-	-	-	-	-	-	-	-	-	1	-	2	1
26. Pneumonia (except of newborn)	17	6	11	-	1	-	-	-	-	-	-	-	2	5	6	1
27. Bronchitis	21	17	4	-	-	-	-	-	-	-	-	1	9	8	3	-
28. Other respiratory diseases	5	5	-	-	-	-	-	-	-	-	-	1	-	3	1	-
29. Ulcer of stomach and duodenum	6	5	1	-	-	-	-	-	-	-	-	-	1	3	2	-
30. Appendicitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31. Intestinal obstruction and hernia	2	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-
32. Gastritis and duodenitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33. Diarrhoea (except of newborn)/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-





Causes of Death (Corrected for Transfer) during 1963 (Contd.).

Cause of Death	Both Sexes	All Ages		Under 4 weeks	4 weeks	Age										75-	85-
		Males	Females			1-	5-	10-	15-	25-	35-	45-	55-	65-	75-		
33. Diarrhoea (except of newborn)	2	-	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-
34. Cirrhosis of liver	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
35. Other diseases of liver	1	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
36. Other digestive diseases	1	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
37. Nephritis and nephrosis	2	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-
38. Hyperplasia of prostate	2	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
39. Other diseases of genito-urinary system	4	3	1	-	-	-	-	-	-	-	-	-	1	1	-	2	-
40. Puerperal sepsis including abortion with sepsis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41. Other puerperal causes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42. Diseases of skin and organs of locomotion	3	2	1	-	-	-	-	-	-	-	1	-	-	1	1	-	-
43. Congenital malformations	6	4	2	2	1	2	-	1	-	-	-	-	-	-	-	-	-
44. Birth injuries, postnatal asphyxia and atelectasis	9	7	2	9	-	-	-	-	-	-	-	-	-	-	-	-	-
45. Pneumonia of newborn	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
46. Diarrhoea of newborn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47. Other infections of the newborn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48. Other diseases peculiar to early infancy and immaturity unqualified	6	4	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-
49. Senility without mention of psychosis	5	1	4	-	-	-	-	-	-	-	-	-	-	-	-	5	-
50. Ill-defined and unknown causes	3	3	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-
51. Suicide and self-inflicted injury	7	3	4	-	-	-	-	-	1	1	-	2	1	2	-	-	-
52. Motor vehicle accidents	5	2	3	-	-	-	-	-	2	2	-	1	-	-	-	-	-
53. Other road vehicle accidents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54. Accidents in the home	9	2	7	-	1	-	-	-	-	-	-	-	2	1	4	1	-
55. Other violence	4	2	2	-	-	1	-	1	1	-	1	-	-	-	-	-	-
All causes	446	230	216	18	3	5	1	4	5	4	10	28	81	136	113	38	

1. The first part of the report is a general  
 introduction to the subject of the study.  
 2. The second part is a description of the  
 methods used in the study.  
 3. The third part is a description of the  
 results of the study.  
 4. The fourth part is a discussion of the  
 results of the study.  
 5. The fifth part is a conclusion of the  
 study.  
 6. The sixth part is a list of references.  
 7. The seventh part is a list of figures.  
 8. The eighth part is a list of tables.  
 9. The ninth part is a list of appendices.  
 10. The tenth part is a list of footnotes.

The following is a list of the  
 names of the persons who  
 have been named in the  
 report.

Weight at Birth	Premature live births												
	Born in Hospital						Born at home or in a private maternity home			Premature still-births			
	Died			Died			Died			Born			
	Within 24 hours of birth	In 1 and under 7 days	In 7 and under 28 days	Within 24 hours of birth	In 1 and under 7 days	In 7 and under 28 days	Total Births	Within 24 hours of birth	In 1 and under 7 days	In 7 and under 28 days	Total Births	At home	In Hospital
2 lb. 3 oz. or less	-	-	-	-	-	-	-	-	-	-	-	-	-
Over 2 lb. 3 oz. up to and including 3 lb. 4 oz.	10	2	1	-	-	-	-	-	-	-	-	-	-
Over 3 lb. 4 oz. up to and including 4 lb. 6 oz.	14	4	-	1	1	-	1	-	-	-	1	5	-
Over 4 lb. 6 oz. up to and including 4 lb. 15 oz.	5	1	-	-	-	-	3	-	-	-	-	1	-
Over 4 lb. 15 oz. up to and including 5 lb. 8 oz.	13	-	-	-	-	-	3	-	-	-	-	-	-
Total	42	6	5	1	7	-	1	1	-	-	1	16	1

2 lb. 3 oz. or less  
Over 2 lb. 3 oz. up to and including 3 lb. 4 oz.  
Over 3 lb. 4 oz. up to and including 4 lb. 6 oz.  
Over 4 lb. 6 oz. up to and including 4 lb. 15 oz.  
Over 4 lb. 15 oz. up to and including 5 lb. 8 oz.

Total





CHILD WELFARE CLINICS

<u>Clinic</u>	<u>Number of Sessions</u>	<u>Children on Register</u>		<u>Total Attendances</u>	
		<u>1963</u>	<u>Year of Birth 1962 Pre-1962</u>	<u>1963</u>	<u>Year of Birth Pre-1963</u>
Alloa	48	116	134 59	575	1,100
Alva	48	44	34 34	467	642
Clackmannan	26	45	32 36	218	385
Coalsnaughton	21	18	20 16	92	134
Dollar	22	7	20 40	27	177
Menstrie	22	15	24 13	132	316
Sauchie	21	52	60 42	254	547
Tillicoultry	48	54	71 88	416	1,130
(Abercromby)	22	30	36 23	106	260
Tullibody	22	49	73 30	208	453
(St. Serf's)					
<u>TOTAL</u>	300	430	504 381	2,495	5,144



APPENDIX NO. 4

DENTAL TREATMENT

MATERNITY AND CHILD WELFARE

INSPECTION

	<u>Pre-school Children</u>	<u>M. &amp; C. W. Cases</u>	
		<u>Expectant Mothers</u>	<u>Nursing Mothers</u>
No. examined	111	46	58
No. not requiring treatment	5	-	-
No. requiring treatment	106	46	58
No. accepting treatment	106	46	58
No. actually treated	106	46	58

Age Groups

	<u>Pre-school Children</u>
1 year	6
2 years	9
3 years	40
4 years	50
5 years	6

Treatment

	<u>M. &amp; C. W. and Pre-School Cases</u>	
No. of appointments made	488	183
No. of appointments kept	454	182
No. of appointments broken	34	1
No. of new patients	104	111
No. of former patients	350	71
No. of fillings in temporary teeth	-	14
No. of fillings in permanent teeth	46	-
No. of extractions of temporary teeth	-	284
No. of extractions of permanent teeth	589	-
No. of dressings in temporary teeth	-	8
No. of dressings in permanent teeth	11	-
No. of AgNO <sub>3</sub> dressings in temporary teeth	-	-
No. of Dentures (full)	75 + 3 repairs 4 relines	
No. of Dentures (part)	11 + 1 repair	
General anaesthetics	33	55
Scalings	17	-
X-rays	7	-
Other operations	254	79





APPENDIX NO. 5

HEALTH AND TUBERCULOSIS VISITING

(1) Number of home visits and cases

Visited by Health Visitors, i.e. Certificated Health Visitors and others doing health visiting work	No. of Cases (1)	No. of Visits (2)
1. Expectant Mothers	552	1,940
2. Children born in 1963	777	6,026
3. Children born in 1962	971	7,628
4. Children born 1958-61	2,700	10,636
5. School children	535	542
6. (a) Persons aged 65 and over	273 (183)	2,288 (247)
(b) Persons included above who were visited at the special request of a general practitioner or hospital	29	29
7. (a) Mental Health: care and aftercare	75 (63)	224 (197)
(b) Persons included above who were visited at the special request of a general practitioner or hospital	8	10
8. (a) Other hospital aftercare	259 (245)	267 (251)
(b) Persons included above who were visited at the special request of a general practitioner or hospital	-	-
9. Tuberculous households	276	1,268
10. Other infectious diseases	76	77
11. Other	167	168

Figures in brackets in 6 (a), 7 (a), and 8 (a) are included in the total for that category and refer to routine visits to patients whose names occur on hospital discharge lists.

# Lithology

## Lithological Column

1000' 0" (000) and 1000'

No.	Depth	Lithology
1000	0	Top of section
1001	10	Yellow sandstone
1002	20	Yellow sandstone
1003	30	Yellow sandstone
1004	40	Yellow sandstone
1005	50	Yellow sandstone
1006	60	Yellow sandstone
1007	70	Yellow sandstone
1008	80	Yellow sandstone
1009	90	Yellow sandstone
1010	100	Yellow sandstone
1011	110	Yellow sandstone
1012	120	Yellow sandstone
1013	130	Yellow sandstone
1014	140	Yellow sandstone
1015	150	Yellow sandstone
1016	160	Yellow sandstone
1017	170	Yellow sandstone
1018	180	Yellow sandstone
1019	190	Yellow sandstone
1020	200	Yellow sandstone
1021	210	Yellow sandstone
1022	220	Yellow sandstone
1023	230	Yellow sandstone
1024	240	Yellow sandstone
1025	250	Yellow sandstone
1026	260	Yellow sandstone
1027	270	Yellow sandstone
1028	280	Yellow sandstone
1029	290	Yellow sandstone
1030	300	Yellow sandstone
1031	310	Yellow sandstone
1032	320	Yellow sandstone
1033	330	Yellow sandstone
1034	340	Yellow sandstone
1035	350	Yellow sandstone
1036	360	Yellow sandstone
1037	370	Yellow sandstone
1038	380	Yellow sandstone
1039	390	Yellow sandstone
1040	400	Yellow sandstone
1041	410	Yellow sandstone
1042	420	Yellow sandstone
1043	430	Yellow sandstone
1044	440	Yellow sandstone
1045	450	Yellow sandstone
1046	460	Yellow sandstone
1047	470	Yellow sandstone
1048	480	Yellow sandstone
1049	490	Yellow sandstone
1050	500	Yellow sandstone
1051	510	Yellow sandstone
1052	520	Yellow sandstone
1053	530	Yellow sandstone
1054	540	Yellow sandstone
1055	550	Yellow sandstone
1056	560	Yellow sandstone
1057	570	Yellow sandstone
1058	580	Yellow sandstone
1059	590	Yellow sandstone
1060	600	Yellow sandstone
1061	610	Yellow sandstone
1062	620	Yellow sandstone
1063	630	Yellow sandstone
1064	640	Yellow sandstone
1065	650	Yellow sandstone
1066	660	Yellow sandstone
1067	670	Yellow sandstone
1068	680	Yellow sandstone
1069	690	Yellow sandstone
1070	700	Yellow sandstone
1071	710	Yellow sandstone
1072	720	Yellow sandstone
1073	730	Yellow sandstone
1074	740	Yellow sandstone
1075	750	Yellow sandstone
1076	760	Yellow sandstone
1077	770	Yellow sandstone
1078	780	Yellow sandstone
1079	790	Yellow sandstone
1080	800	Yellow sandstone
1081	810	Yellow sandstone
1082	820	Yellow sandstone
1083	830	Yellow sandstone
1084	840	Yellow sandstone
1085	850	Yellow sandstone
1086	860	Yellow sandstone
1087	870	Yellow sandstone
1088	880	Yellow sandstone
1089	890	Yellow sandstone
1090	900	Yellow sandstone
1091	910	Yellow sandstone
1092	920	Yellow sandstone
1093	930	Yellow sandstone
1094	940	Yellow sandstone
1095	950	Yellow sandstone
1096	960	Yellow sandstone
1097	970	Yellow sandstone
1098	980	Yellow sandstone
1099	990	Yellow sandstone
1100	1000	Bottom of section

Notes: The lithology is generally uniform throughout the section, with only minor variations in grain size and color. The sandstone is well-sorted and contains no significant amounts of silt or clay. The color is a consistent yellow, indicating a high degree of purity and a lack of organic matter or iron staining.

DISTRICT	Cases	M.	F.	Age Groups					Nursing Procedure						Period of Care					TOTAL VISITS
				-5	5-15	15-45	45-65	65+	General Nursing	Gyn.	Dressings	Injections	Other	Under 1 week	Under 1 month	1 - 3 months	3 - 6 months	Over 6 months		
ALLOA	187	52	135	4	6	21	46	110	71	9	34	56	17	43	50	23	25	46	8,811	
* ALVA & MENSTRIE	150	47	103	17	5	35	42	51	32	3	30	77	8	49	46	12	15	28	2,771	
* CLACKMANNAN & DISTRICT	62	26	36	11	3	14	12	22	11	1	29	12	9	36	16	4	3	3	620	
* DOLLAR	52	15	37	2	1	3	8	38	20	4	13	8	7	15	13	11	3	10	1,516	
SAUCHIE & FISHCROSS	89	33	56	10	1	20	30	28	32	2	20	27	8	30	29	10	7	13	2,475	
TILLICOULTRY	192	58	134	8	7	33	43	101	41	18	34	70	29	82	52	32	14	12	2,779	
TULLIBODY & CAMBUS	87	20	67	5	3	41	20	18	12	2	14	54	5	37	23	6	9	12	1,681	
TOTAL	819	251	568	57	26	167	201	368	219	39	174	304	83	292	229	98	76	124	20,653	

\* Nurses also do Health Visiting and School Nursing.

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## PRIMARY VACCINATION AND IMMUNISATION - AT AUTHORITY'S CLINICS

- 53 -

Number who have completed a full course of primary vaccination or immunisation against									
Year of Birth	Smallpox (a)			Diphtheria (b)	Tetanus (c)	Pertussis (d)	Diphtheria and Pertussis (e)	Diphtheria and Tetanus (f)	Pertussis Diphtheria and Tetanus (g)
	"Takes"	"No Takes"	"Not Examined"						
1963	-	-						-	173
1962	66	-						-	262
1961	17	1						-	24
1960	4	-						-	9
1959	2	-						-	2
1958	-	-						21	-
1957	-	-						77	-
1956 or earlier	-	-						16	-



Number receiving maintenance inoculations against									
Year of Birth	Smallpox (a)			Diphtheria (b)	Tetanus (c)	Pertussis (d)	Diphtheria and Pertussis (e)	Diphtheria and Tetanus (f)	Pertussis Diphtheria and Tetanus (g)
	"Takes"	"No Takes"	"Not Examined"						
1963	-	-		-				-	-
1962	-	-		-				-	-
1961	-	-		-				-	277
1960	-	-		-				-	275
1959	1	-		-				14	4
1958	-	-		-				499	-
1957	-	-		-				194	-
1956	-	-		-				-	-
1955	-	-		-				-	-
1954	1	-		6				536	-
1953 or earlier	309	2		-				561	-

1	10
2	20
3	30
4	40
5	50
6	60
7	70
8	80
9	90
10	100



Year of Birth	Number who have completed a full course of primary vaccination or immunisation against								
	Smallpox (a)			Diphtheria (b)	Tetanus (c)	Pertussis (d)	Diphtheria and Pertussis (e)	Diphtheria and Tetanus (f)	Pertussis Diphtheria and Tetanus (g)
	"Takes"	"No Takes"	"Not Examined"						
1963	8	1							49
1962	30	8							104
1961	5	1							10
1960	1	-							2
1959	1	-							-
1958	1	-							-
1957	-	-							1
1956 or earlier	38	-							-

<p>1. The first part of the paper is devoted to a general discussion of the problem of the existence of solutions of the system of equations</p>	<p>(1) <math>\frac{dx}{dt} = f(x, y, z)</math>  <math>\frac{dy}{dt} = g(x, y, z)</math>  <math>\frac{dz}{dt} = h(x, y, z)</math></p>	<p>where <math>f, g, h</math> are continuous functions of <math>x, y, z</math> in a region <math>R</math> of the <math>xyz</math>-space.</p>
<p>2. In the second part of the paper we consider the case in which the functions <math>f, g, h</math> are linear in <math>x, y, z</math>.</p>	<p>(2) <math>\frac{dx}{dt} = a_1x + a_2y + a_3z</math>  <math>\frac{dy}{dt} = b_1x + b_2y + b_3z</math>  <math>\frac{dz}{dt} = c_1x + c_2y + c_3z</math></p>	<p>where <math>a_i, b_i, c_i</math> are constants.</p>
<p>3. In the third part of the paper we consider the case in which the functions <math>f, g, h</math> are quadratic in <math>x, y, z</math>.</p>	<p>(3) <math>\frac{dx}{dt} = a_1x^2 + a_2xy + a_3xz + a_4y^2 + a_5yz + a_6z^2</math>  <math>\frac{dy}{dt} = b_1x^2 + b_2xy + b_3xz + b_4y^2 + b_5yz + b_6z^2</math>  <math>\frac{dz}{dt} = c_1x^2 + c_2xy + c_3xz + c_4y^2 + c_5yz + c_6z^2</math></p>	<p>where <math>a_i, b_i, c_i</math> are constants.</p>
<p>4. In the fourth part of the paper we consider the case in which the functions <math>f, g, h</math> are cubic in <math>x, y, z</math>.</p>	<p>(4) <math>\frac{dx}{dt} = a_1x^3 + a_2x^2y + a_3x^2z + a_4xy^2 + a_5xyz + a_6y^3</math>  <math>\frac{dy}{dt} = b_1x^3 + b_2x^2y + b_3x^2z + b_4xy^2 + b_5xyz + b_6y^3</math>  <math>\frac{dz}{dt} = c_1x^3 + c_2x^2y + c_3x^2z + c_4xy^2 + c_5xyz + c_6y^3</math></p>	<p>where <math>a_i, b_i, c_i</math> are constants.</p>
<p>5. In the fifth part of the paper we consider the case in which the functions <math>f, g, h</math> are quartic in <math>x, y, z</math>.</p>	<p>(5) <math>\frac{dx}{dt} = a_1x^4 + a_2x^3y + a_3x^3z + a_4x^2y^2 + a_5x^2yz + a_6x^2z^2</math>  <math>\frac{dy}{dt} = b_1x^4 + b_2x^3y + b_3x^3z + b_4x^2y^2 + b_5x^2yz + b_6x^2z^2</math>  <math>\frac{dz}{dt} = c_1x^4 + c_2x^3y + c_3x^3z + c_4x^2y^2 + c_5x^2yz + c_6x^2z^2</math></p>	<p>where <math>a_i, b_i, c_i</math> are constants.</p>
<p>6. In the sixth part of the paper we consider the case in which the functions <math>f, g, h</math> are quintic in <math>x, y, z</math>.</p>	<p>(6) <math>\frac{dx}{dt} = a_1x^5 + a_2x^4y + a_3x^4z + a_4x^3y^2 + a_5x^3yz + a_6x^3z^2</math>  <math>\frac{dy}{dt} = b_1x^5 + b_2x^4y + b_3x^4z + b_4x^3y^2 + b_5x^3yz + b_6x^3z^2</math>  <math>\frac{dz}{dt} = c_1x^5 + c_2x^4y + c_3x^4z + c_4x^3y^2 + c_5x^3yz + c_6x^3z^2</math></p>	<p>where <math>a_i, b_i, c_i</math> are constants.</p>
<p>7. In the seventh part of the paper we consider the case in which the functions <math>f, g, h</math> are sextic in <math>x, y, z</math>.</p>	<p>(7) <math>\frac{dx}{dt} = a_1x^6 + a_2x^5y + a_3x^5z + a_4x^4y^2 + a_5x^4yz + a_6x^4z^2</math>  <math>\frac{dy}{dt} = b_1x^6 + b_2x^5y + b_3x^5z + b_4x^4y^2 + b_5x^4yz + b_6x^4z^2</math>  <math>\frac{dz}{dt} = c_1x^6 + c_2x^5y + c_3x^5z + c_4x^4y^2 + c_5x^4yz + c_6x^4z^2</math></p>	<p>where <math>a_i, b_i, c_i</math> are constants.</p>
<p>8. In the eighth part of the paper we consider the case in which the functions <math>f, g, h</math> are septic in <math>x, y, z</math>.</p>	<p>(8) <math>\frac{dx}{dt} = a_1x^7 + a_2x^6y + a_3x^6z + a_4x^5y^2 + a_5x^5yz + a_6x^5z^2</math>  <math>\frac{dy}{dt} = b_1x^7 + b_2x^6y + b_3x^6z + b_4x^5y^2 + b_5x^5yz + b_6x^5z^2</math>  <math>\frac{dz}{dt} = c_1x^7 + c_2x^6y + c_3x^6z + c_4x^5y^2 + c_5x^5yz + c_6x^5z^2</math></p>	<p>where <math>a_i, b_i, c_i</math> are constants.</p>
<p>9. In the ninth part of the paper we consider the case in which the functions <math>f, g, h</math> are octic in <math>x, y, z</math>.</p>	<p>(9) <math>\frac{dx}{dt} = a_1x^8 + a_2x^7y + a_3x^7z + a_4x^6y^2 + a_5x^6yz + a_6x^6z^2</math>  <math>\frac{dy}{dt} = b_1x^8 + b_2x^7y + b_3x^7z + b_4x^6y^2 + b_5x^6yz + b_6x^6z^2</math>  <math>\frac{dz}{dt} = c_1x^8 + c_2x^7y + c_3x^7z + c_4x^6y^2 + c_5x^6yz + c_6x^6z^2</math></p>	<p>where <math>a_i, b_i, c_i</math> are constants.</p>

MAINTENANCE INOCULATIONS - GENERAL PRACTITIONERS

Year of Birth	Number receiving maintenance inoculations against							
	Smallpox (a)		Diphtheria (b)	Tetanus (c)	Pertussis (d)	Diphtheria and Pertussis (e)	Diphtheria and Tetanus (f)	Pertussis Diphtheria and Tetanus (g)
	"Takes"	"No Takes"						
1963	-	-						-
1962	-	-						-
1961	-	-						6
1960	1	-						7
1959	-	-						4
1958	1	-						2
1957	2	-						5
1956	5	-						-
1955	1	-						-
1954	5	-						3
1953 or earlier	216	10						7



POLIOCELLITIS VACCINATION

Oral Vaccination by Local Authority Staff

	<u>1963</u>	<u>1962</u>	<u>1961</u>	<u>1954-60</u>	<u>1943-53</u>	<u>Expectant Mothers</u>	<u>Adults 1933-42</u>	<u>Adults 1920-32</u>	<u>Adults Others</u>
1st Dose	153	275	11	33	2	17	6	6	1
2nd Dose	120	277	14	38	9	18	6	2	1
3rd Dose	94	250	23	50	19	16	12	11	9
Reinforcing Dose after 2 Salk	-	-	3	1	-	1	-	13	11
Reinforcing Dose after 3 Salk	-	-	-	331	4	-	-	2	-
2nd Oral Dose after 2 Salk	-	-	92	240	-	-	-	-	-

Oral and Salk Vaccination by Family Doctors

1st Dose	-	1	-	-	-	-	2	8	6
2nd Dose	-	1	-	3	5	-	4	5	10
3rd Dose	27	101	20	15	26	-	46	70	314
Reinforcing Dose after 2 Salk	-	-	20	26	10	-	14	20	4
Reinforcing Dose after 3 Salk	-	-	2	185	300	-	63	70	14
2nd Oral Dose after 2 Salk	-	-	10	11	-	-	-	-	-
1st Injections	-	-	-	2	2	-	2	-	-
2nd Injections	-	-	-	1	7	-	3	3	-
3rd Injections	-	-	6	10	2	-	7	9	-
4th Injections	-	-	-	2	2	-	-	-	-



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	12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APPENDIX NO. 12

TUBERCULOSIS.

PART 1. - RESPIRATORY TUBERCULOSIS

1. - RETURN OF CASES OF TUBERCULOSIS NOTIFIED DURING THE YEAR

	<u>Age-groups</u>									
	-1	1-5	5-15	15-25	25-35	35-45	45-55	55-65	65+	Total
Males	-	-	1	-	-	1	-	2	1	5
Females	-	-	-	1	1	3	1	-	-	6
Total	-	-	1	1	1	4	1	2	1	11

11. - RETURN OF CASES NOTIFIED DURING YEAR IN WHICH DIAGNOSIS OF TUBERCULOSIS HAS BEEN CONFIRMED

	<u>Age-groups</u>									
	-1	1-5	5-15	15-25	25-35	35-45	45-55	55-65	65+	Total
Males	-	-	1	-	-	1	-	2	1	5
Females	-	-	-	1	1	3	1	-	-	6
Total	-	-	1	1	1	4	1	2	1	11

111. - NUMBER OF NEW CASES IN TABLE 11 ADMITTED TO HOSPITAL FOR TUBERCULOSIS TREATMENT FOR THE FIRST TIME DURING THE YEAR

	Under 15 years	15 to under 45	45 and over	Total
Males	1	1	3	5
Females	-	5	-	5
Total	1	6	3	10



TUBERCULOSIS (Contd.)

IV. - NUMBER OF PATIENTS ADMITTED TO, DISCHARGED FROM OR DYING IN  
TUBERCULOSIS HOSPITALS, SANATORIA OR WARDS IN OTHER HOSPITALS  
RESERVED FOR THE TREATMENT OF THE TUBERCULOUS.

	In hospital on January 1	Admitted during the year	Discharged during the year	Died in Hospital	In hospital on December 31
Male	-	1	1	-	-
nder 15 years					
Female	-	-	-	-	-
Male	1	3	4	-	-
5 - 45 years					
Female	1	7	8	-	-
Male	3	7	5	1	4
5 years and over					
Female	-	-	-	-	-
Total	5	18	18	1	4

V. - NUMBER OF PATIENTS DYING FROM RESPIRATORY TUBERCULOSIS  
IN HOSPITAL ACCOMMODATION OTHER THAN THAT RESERVED FOR  
TUBERCULOUS PATIENTS

NIL.

VI. - NUMBER ON WAITING LIST FOR ADMISSION TO HOSPITAL AT  
31st DECEMBER

(Respiratory Tuberculosis)

(Relating only to patients waiting for more than two weeks)

Under 15	Males	-
	Females	-
Adults	Males	-
	Females	-
Total		-

# REPORT

1. Name of the person or organization to whom the report is made - (A)  
 2. Name of the person or organization making the report - (B)  
 3. Date of the report - (C)

Particulars	Amount	Particulars	Amount	Balance

4. Name of the person or organization to whom the report is made - (A)  
 5. Name of the person or organization making the report - (B)  
 6. Date of the report - (C)

7. Name of the person or organization to whom the report is made - (A)  
 8. Name of the person or organization making the report - (B)  
 9. Date of the report - (C)

10. Name of the person or organization to whom the report is made - (A)




TUBERCULOSIS (Contd.)

PART II - NON-RESPIRATORY TUBERCULOSIS

VII. - RETURN OF CASES OF NON-PULMONARY TUBERCULOSIS NOTIFIED DURING THE YEAR

	-1	1-5	5-15	15-25	25-35	35-45	45-55	55-65	65+	Total
Males	-	-	-	1	-	1	1	-	-	3
Females	-	-	-	-	-	1	-	-	-	1
Total	-	-	-	1	-	2	1	-	-	4

VIII. - NUMBER OF CASES NOTIFIED DURING YEAR AND CONFIRMED TO BE SUFFERING FROM ACTIVE NON-RESPIRATORY TUBERCULOSIS

		-1	1-5	5-15	15-25	25-35	35-45	45-55	55-65	65+	Total
Abdominal	Males	-	-	-	-	-	-	-	-	-	-
	Females	-	-	-	-	-	-	-	-	-	-
Meningeal	Males	-	-	-	-	-	-	-	-	-	-
	Females	-	-	-	-	-	-	-	-	-	-
Miliary Tuberculosis	Males	-	-	-	-	-	-	-	-	-	-
	Females	-	-	-	-	-	-	-	-	-	-
Bones and Joints	Males	-	-	-	-	-	-	-	-	-	-
	Females	-	-	-	-	-	-	-	-	-	-
Superficial Glands	Males	-	-	-	1	-	-	1	-	-	2
	Females	-	-	-	-	-	-	-	-	-	-
Genito-urinary Organs	Males	-	-	-	-	-	1	-	-	-	1
	Females	-	-	-	-	-	1	-	-	-	1
Other Organs	Males	-	-	-	-	-	-	-	-	-	-
	Females	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	1	-	2	1	-	-	4

PART III - TUBERCULOSIS DEATHS/

# 1914 General Statement of the Department of the Interior

Statement of the Department of the Interior for the year ending June 30, 1914.  
 Part I.

RECEIPTS AND DISBURSEMENTS OF THE DEPARTMENT OF THE INTERIOR

Receipts	Disbursements	Balance
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10

Statement of the Department of the Interior for the year ending June 30, 1914.  
 Part II.

RECEIPTS AND DISBURSEMENTS OF THE DEPARTMENT OF THE INTERIOR

Receipts	Disbursements	Balance
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34
35	35	35
36	36	36
37	37	37
38	38	38
39	39	39
40	40	40
41	41	41
42	42	42
43	43	43
44	44	44
45	45	45
46	46	46
47	47	47
48	48	48
49	49	49
50	50	50
51	51	51
52	52	52
53	53	53
54	54	54
55	55	55
56	56	56
57	57	57
58	58	58
59	59	59
60	60	60
61	61	61
62	62	62
63	63	63
64	64	64
65	65	65
66	66	66
67	67	67
68	68	68
69	69	69
70	70	70
71	71	71
72	72	72
73	73	73
74	74	74
75	75	75
76	76	76
77	77	77
78	78	78
79	79	79
80	80	80
81	81	81
82	82	82
83	83	83
84	84	84
85	85	85
86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

Total receipts, \$1,000,000.00  
 Total disbursements, \$1,000,000.00  
 Balance, \$0.00

TUBERCULOSIS (Contd.)

PART III - TUBERCULOSIS DEATHS.

X.	Respiratory		Non-Respiratory	
	Males	Females	Males	Females
Number of persons who died from tuberculosis of whom:-				
Not notified or notified only at or after death	-	-	-	-
Notified less than 1 month before death	-	-	-	-
Notified from 1 to 3 months before death	-	-	-	-
Notified from 3 to 6 months before death	-	-	-	-
Notified from 6 to 12 months before death	-	-	-	-
Notified from 1 to 2 years before death	2	-	-	-
Notified over 2 years before death	1	-	-	-
Total	3	-	-	-

PART IV - THE TUBERCULOSIS REGISTER.

. - PERSONS RESIDENT IN AREA AT 31st DECEMBER, 1963, KNOWN TO BE SUFFERING FROM TUBERCULOSIS.

(Only cases in which a diagnosis of tuberculosis has been confirmed are included)

		-1	1-5	5-15	15-25	25-35	35-45	45-55	55-65	65+	Total
Respiratory	Males	-	-	6	4	18	18	20	20	8	94
	Females	-	-	3	16	29	29	17	2	1	97
Non-Respiratory	Males	-	-	1	3	1	6	1	-	1	13
	Females	-	-	-	2	4	4	1	-	1	12

# THE UNIVERSITY OF CHICAGO LIBRARY

Author				Title		Date	



APPENDIX NO. 13

INFECTIOUS DISEASES.

Return of Cases of Infectious Diseases (Excluding Tuberculosis)

Notified during the year ended 31st December, 1963.

DISEASE	Number of Cases coming to the knowledge of the Medical Officer of Health										
	At age - Years										
	At all Ages	Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 65	65 and upwards	Removed to Hospital	Not removed to Hospital
	1	2	3	4	5	6	7	8	9	10	11
Dysentery	17	1	7	5	2	1	-	1	-	6	11
Erysipelas	1	-	-	-	-	-	-	1	-	-	1
Food Poisoning	1	-	-	-	-	-	-	-	1	1	-
Ophthalmia Neonatorum	1	1	-	-	-	-	-	-	-	1	-
Pneumonia, Acute Influenzal	11	-	-	-	-	2	-	3	6	9	2
Pneumonia, Acute Primary	64	14	6	5	4	2	3	11	19	59	5
Pneumonia (Not otherwise notifiable)	1	1	-	-	-	-	-	-	-	1	-
Scarlet Fever	2	-	1	1	-	-	-	-	-	-	2
Whooping Cough	2	1	-	-	1	-	-	-	-	1	1
Total	100	18	14	11	7	5	3	16	26	78	22





REPORT

on the

School Health Services

For the Year ending 31st July, 1963

THE  
NEW  
AND  
REVISED  
EDITION  
OF THE  
HISTORY OF THE  
CITY OF LONDON  
BY  
JOHN STOW

SCHOOL HEALTH SERVICE

11. General Statistics

A. Number of Schools - 23

B. Number of children in average attendance:-

<u>School</u>	<u>Average No. on Roll</u>	<u>Average No. in Attendance</u>	<u>Percentage of Attendance</u>
Abercromby School, Tullibody	294.3	277.1	94.1
Alloa Academy Primary	152.	142.5	93.7
Alloa Academy Secondary	668.6	645.8	96.6
Alva Academy	562.9	528.6	93.6
Banchory School, Tullibody	247.9	232.	93.6
Clackmannan	325.7	299.5	91.95
Coalsnaughton	133.8	124.8	93.3
Dollar Public	156.	144.	92.4
Fishcross	87.7	80.9	92.2
Forebraes Secondary School, Alloa	567.1	529.4	93.4
Forestmill	11.7	10.8	92.3
Grange Secondary School, Alloa	579.7	519.9	90.
Ludgate, Alloa	32.74	31.08	94.9
Menstrie	141.86	134.62	94.9
Occupational Centre	21.2	20.9	98.5
Park School, Alloa	332.	355.	92.9
St. John's School, Alloa	208.4	196.7	94.4
St. Mungo's School, Alloa	682.38	631.64	92.6
St. Serf's School, Tullibody	274.7	257.16	93.6
Sauchie School	525.1	488.6	93.
South School, Alloa	158.81	146.14	92.02
Sunnyside School, Alloa	495.5	468.6	94.6
Tillicoultry	590.7	563.3	95.3
	<u>7,300.79</u>	<u>6,829.04</u>	<u>93.5</u>

111. SANITARY CONDITIONS IN SCHOOLS and

IV. ORGANISATION AND ADMINISTRATION

Fully described in a previous report.

V. MEDICAL INSPECTION FACILITIES IN SCHOOLS

Fully described in a previous report.

VI. THE FINDINGS OF SYSTEMATIC MEDICAL INSPECTION

A. General Review

Presence of Parents

The number of parents present at the routine examinations was 791 for the 1,762 children examined or 44.32 per cent as compared with 44.27 per cent last year.

The following figures give the percentage of children accompanied by their parents in the different age-groups:-

	<u>1963</u>	<u>1962</u>
Age 5	85 per cent	86.48 per cent
Age 9	47.6 per cent	43.22 per cent
Age 13	2.7 per cent	2.92 per cent
Age 16	-	-

Average Heights and Weights/

# THE JOURNAL OF THE

ROYAL SOCIETY OF MEDICINE

Volume 10, Part 1, 1916

Published by the Royal Society of Medicine, 11, Bedford Square, London, W.C.1

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Dr. W. X. Scott	The Effect of the Diet on the Metabolism of the Human Body	121-130	Continuation of the author's work on diet and metabolism.
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Dr. M. N. Hill	The Effect of the Diet on the Metabolism of the Human Body	201-210	Continuation of the author's work on diet and metabolism.
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THE INFLUENCE OF THE NERVOUS SYSTEM ON THE FUNCTION OF THE DIGESTIVE ORGANS

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## Average Heights and Weights

The average heights and weights for all groups are satisfactory.

### 1 and 2 Clothing and footwear

No child was found to have defective clothing or footwear.

	<u>Routine Cases</u>	<u>Special Cases</u>
No. examined	1,762	
No. defective	-	-
% defective	-	

### 3. Cleanliness

Only three children were noted to be defective in this respect at Routine Inspection.

	<u>Routine Cases</u>	<u>Special Cases</u>
No. examined	1,762	
No. defective	3	-
% defective	0.17%	

The supervision of cleanliness of all school children was maintained by the regular visits of the inspectresses to all schools. There was an increase noted in the number found to be verminous. It is obviously undesirable to consider any relaxation of the system of inspection.

	<u>1st Term</u>	<u>2nd Term</u>	<u>3rd Term</u>	<u>Total</u>
Number of examinations for cleanliness	21,413	17,497	19,121	58,031
Number of examinations where Nits were found	101	96	127	324
Number of examinations where Vermin were found	7	5	6	18
Number of re-examinations on account of uncleanness	198	143	114	455
Number of treatments for uncleanness	78	67	83	228
Number of Registered Letters sent	2	2	2	6
Number of Home Visits	45	44	33	122

### 4. Skin Conditions

The number of skin conditions has decreased from thirty cases last year to twenty-five this year.

	<u>Routine Cases</u>	<u>Special Cases</u>
No. examined	1,762	
No. defective	25	6
% defective	1.42%	

### 5. Nutritional State

Forty-two children were considered to be suffering from minor degrees of malnutrition compared with eighty-five last year.

	<u>Routine Cases</u>	<u>Special Cases</u>
No. examined	1,762	
No. defective	42	-
% defective	2.38%	

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## 6. Mouth and Teeth Unhealthy

Twenty-nine children were noted with unhealthy mouths and teeth.

	<u>Routine Cases</u>	<u>Special Cases</u>
No. examined	1,762	
No. defective	29	-
% defective	1.64%	

## 7. Naso-pharyngeal Conditions

One hundred were considered to have abnormal conditions of the naso-pharynx. Fifty of these suffered from enlarged and/or infected tonsils and adenoids. Twenty-five from nasal conditions (mostly Catarrh) and twenty-five from enlarged glands.

	<u>Routine Cases</u>	<u>Special Cases</u>
No. examined	1,762	
No. defective	100	10
% defective	5.67%	

## 8. Eyes

### (a) External Diseases

The number of children with external diseases of the eye was 31 compared with 29 last year.

	<u>Routine Cases</u>	<u>Special Cases</u>
No. examined	1,762	
No. defective	31	2
% defective	1.76%	

### (b) Defective Vision

At routine inspection 38 children were referred for refraction.

	<u>Routine Cases</u>	<u>Special Cases</u>
No. examined	1,054	
No. defective	69	14
% defective	6.55%	

In addition the visual acuity of the 7-year old group was tested during the summer term for the school population, and 23 out of 592 examined showed a visual acuity of 6/12 and worse, and were referred for refraction.

The screening of 5-year old children with the 'E Test' continued. Of the 708 children tested 12 were referred for refraction, five of whom were prescribed with spectacles.

## 9. Ears

### (a) Diseases

There were two cases of otorrhoea, compared with three last year.

	<u>Routine Cases</u>	<u>Special Cases</u>
No. examined	1,762	
No. defective	2	3
% defective	0.11%	

(b)/

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(b) Defective Hearing

	<u>Routine Cases</u>	<u>Special Cases</u>
No. examined	1,762	
<u>Grade I</u> (Conversational voice heard at 20 ft. and over).	39	6
<u>Grade IIa</u> (Can be educated in ordinary class if seated near the teacher).	7	4
<u>Grade IIb</u> (Special School Education required).	-	-
<u>Grade III</u> (Special School Education required).	-	-

(c) The Early Ascertainment of Deafness

Routine age groups, 5's, 9's and 13 years were tested, and the 7-year old age group. Two thousand eight hundred and nine were examined during the year. Details are shown in Table No. V.

The number of children with defective hearing is shown in the Table of Exceptional Children.

The Audiometer is regularly tested and overhauled at the Physics Laboratory of the Western Regional Hospital Board.

10. Speech

Five children were found to have speech defects.

	<u>Routine Cases</u>	<u>Special Cases</u>
No. examined	1,762	
No. defective	5	-
% defective	0.28%	

11. Mental and Nervous Conditions

Fourteen children were considered to be suffering from mental and nervous conditions, compared with twenty-nine last year.

	<u>Routine Cases</u>	<u>Special Cases</u>
No. examined	1,762	
No. defective	14	1
% defective	0.79%	

12. Circulatory System

Five children were found to have disease of the circulatory system.

	<u>Routine Cases</u>	<u>Special Cases</u>
No. examined	1,762	
No. defective	5	1
% defective	0.28%	



Date	Patient	Examination
	10/1/1914	Normal
	10/15/1914	Normal
	10/29/1914	Normal
	11/12/1914	Normal
	11/26/1914	Normal
	12/10/1914	Normal
	12/24/1914	Normal
	1/7/1915	Normal
	1/21/1915	Normal
	2/4/1915	Normal

Report of the Committee on the

The committee on the subject of the proposed amendment to the constitution of the American Medical Association, organized in 1914, has the honor to report to the association the results of its work.

The committee has been organized by the association in 1914, and has since that time been engaged in a study of the proposed amendment to the constitution.

The committee has held several public hearings on the subject, and has received many suggestions from the members of the association.

The committee has also held several private hearings on the subject, and has received many suggestions from the members of the association.

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Recommendations of the Committee

The committee recommends that the proposed amendment to the constitution of the American Medical Association be adopted.

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13. Lungs

Children with lung diseases numbered sixteen compared with thirteen last year.

	<u>Routine Cases</u>	<u>Special Cases</u>
No. examined	1,762	
No. defective	16	-
% defective	0.91%	

14. Deformities

The number of children with deformities numbered fifteen, compared with seventeen last year.

	<u>Routine Cases</u>	<u>Special Cases</u>
No. examined	1,762	
No. defective	15	3
% defective	0.85%	

15. Infectious Diseases

No cases of infectious diseases were found at Routine Inspection.

	<u>Routine Cases</u>	<u>Special Cases</u>
No. examined	-	
No. defective	-	-
% defective	-	

16. Other Diseases or Defects

Ten children were found to be suffering from other diseases or defects.

	<u>Routine Cases</u>	<u>Special Cases</u>
No. examined	1,762	
No. defective	10	13
% defective	0.57%	

17. Conclusion

Of the children examined 89.78 per cent were considered to be free from defects, compared with 88.88 per cent last year. One hundred and three children were notified to the parents as requiring treatment, compared with one hundred and twenty-eight last year.

Vll./

Continued from previous page

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VII.

MEDICAL TREATMENT

A. Minor Ailments

Information is available of the number of children treated in Local Authority Clinics and as in-patients in hospital. No information is available about cases treated by General Practitioners or as hospital out-patients.

No. of cases treated:-

	<u>No. treated in Local Authority Clinics</u>	<u>No. treated in Hospital. (in-patient)</u>
(1) Cuts, bruises, sprains and minor injuries, etc.	2,137	38
(2) Diseases of the ear	63	1
(3) Diseases of the eye, excluding defective vision	85	2
(4) Diseases of the skin:-		
Ringworm (scalp)	-	-
X-ray treatment	-	-
Other treatment	2	-
Ringworm (body)	-	-
Scabies	27	-
Impetigo	15	-
Other diseases	546	2
	<u>2,875</u>	<u>43</u>

Total Attendances at Authority's Clinics - 4,509

B. Defective Vision and Squint

	<u>School</u>	<u>Pre-School</u>
Number examined by Eye Specialist	1,277	199
Number requiring glasses in the following groups	265	20

<u>Age Group</u>	<u>Systematics</u>	<u>Specials</u>	<u>Re-exams</u>
Under 5	14	-	6
Entrants	9	-	-
7 +	8	33	200
9 +	6		
13 +	9		
16 +	-		

No of cases treated in Hospital:-

(1) Defective Vision and Squint	- 20
(2) Other Diseases of the Eye	- 2
(3) Orthoptist treatment at Stirling Royal Infirmary	- 101

C./





C. Ear, Nose and Throat Operations:-

297

Of these, 278 were removal of tonsils and adenoids, and 19 were other operations.

D. Orthopaedic and Postural Defects

All cases with orthopaedic or postural defects were referred to the Orthopaedic Specialist, who holds a clinic in the Health Department each month for school and pre-school children.

Out-patient treatment was carried out at school orthopaedic and posture clinics by the Physiotherapist under the guidance of the Orthopaedic Specialist. Minor corrective splinting and plaster work was also carried out.

	<u>School</u>	<u>Pre-School</u>
Number of children examined by Specialist	85	82
Number of attendances	131	125
Number of children treated in Hospital or attending other clinics	7	-

Massage Clinic

Number of children treated	94	25
Number of attendances	809	303

Ultra Violet Light Clinic

Number of children treated	15	9
Number of attendances	248	124

ORTHOPAEDIC CASES IN AGE-GROUPS (CLINIC CASES)

Diagnosis	Under 5 yrs.	5-10 yrs.	10-15 yrs.	15+ yrs.
Arthrogryphosis	-	1	-	-
Poliomyelitis	-	2	2	-
Spastic	2	3	2	-
Talipes	1	2	2	-
Perthes Disease	-	1	1	-
Congenital Deformities	4	2	1	-
Osteochondritis	-	1	1	-
Synovitis	-	-	1	-
Foot Strain	-	2	3	-
Bow Legs	6	-	-	-
Knock Knees	22	2	-	-
Hallux Valgus	-	-	2	-
Hen Toes	7	1	-	-
Calcaneo Valgus	4	1	-	-
Delayed Walking	1	-	-	-
Flat Feet	1	-	-	-
Fragilitas Ossium	-	1	-	-
Hammer Toes	-	1	1	-
Others	34	26	23	-
	82	46	39	-

PUBLISHED WEEKLY  
535 N. Dearborn Ave., Chicago, Ill.  
Subscription price, \$5.00 per annum in advance

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VIII.

DENTAL REPORT

General

Four thousand five hundred and twenty two children were examined at school inspections and 2,593 (57.34%) were found to have remediable dental defects and of these 1,897 (73.15%) accepted treatment in the local authority clinics.

There were 1,071 attendances for emergency treatment for the relief of pain.

Among the children treated, following routine school inspections, one required full upper and lower dentures, another a full upper denture and 38 required partial dentures. A few of these partial dentures were required as the result of accidents and not dental disease.

It has been shown that dental decay can be reduced by as much as 50% by the addition of fluorides (1 part per million) to the public water supply and it is hoped this will be done in the near future.

Orthodontics

Eighty children made 365 attendances to have their malaligned teeth treated and of these 36 were completed during the year and treatment is continuing for the remaining 44.

Staff

One Dental Officer joined the staff in October, 1962 bringing the total to two full-time Dental Officers.

An Orthodontist attends 2 half days per month and an anaesthetist attends on a sessional basis as required.

SUMMARY OF DENTAL INSPECTION AND TREATMENT/



SUMMARY OF DENTAL INSPECTION AND TREATMENT

1. No of children inspected by the Dental Officer:-

<u>Age</u>	<u>Systematic Examinations</u>	<u>Special and Emergency Cases Inspected</u>	<u>Total</u>
4	3	6	9
5	594	105	699
6	534	106	640
7	463	86	549
8	517	98	615
9	506	96	602
10	503	83	586
11	465	89	554
12	319	81	400
13	283	104	387
14	273	144	417
15	51	59	110
16	8	14	22
17	3	-	3
18	-	-	-
	<u>4,522</u>	<u>1,071</u>	<u>5,593</u>

DETAILS OF DENTAL INSPECTION AND TREATMENT

Analysis of Inspection

ROUTINE INSPECTION

SPECIAL AND EMERGENCY CASES

<u>Age</u>	<u>No. Exam.</u>	<u>No. Req.</u>	<u>%</u>	<u>No. Accent.</u>	<u>%</u>	<u>No. Rec'd.</u>	<u>No. Accept.</u>
4	3	3	100	3	100	6	6
5	594	176	29.62	142	80.68	104	104
6	534	220	41.19	176	80.0	100	100
7	463	281	60.69	192	68.32	80	80
8	517	304	58.80	224	73.68	98	98
9	506	326	64.42	237	72.69	90	90
10	503	298	59.24	210	70.46	78	78
11	465	277	59.56	210	75.81	85	85
12	319	234	73.35	163	69.65	77	77
13	283	208	73.49	137	65.86	102	102
14	273	207	75.82	148	71.49	136	136
15	51	48	94.11	44	91.66	58	58
16	8	8	100	8	100	14	14
17	3	3	100	3	100	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
	<u>4,522</u>	<u>2,593</u>	<u>57.34</u>	<u>1,897</u>	<u>73.15</u>	<u>1,028</u>	<u>1,028</u>

Analysis of Treatment/





Analysis of Treatment

<u>Nature of Work Done</u>	<u>Routine</u>	<u>Special and Emergency</u>	<u>Total</u>
Visits to School (No. of sessions)	37	-	37
Attendances at Surgery	803	-	803
Children Inspected at School	4,129	-	4,129
Children Inspected at Clinic	-	-	-
No. of Casuals Inspected	-	1,071	1,071
No. of Casuals Treated	-	-	-
No. of Appointments made	4,199	1,071	5,270
No. of Appointments broken	562	-	562
1st Visits	1,127	1,071	2,198
2nd or Subsequent Visits	2,510	-	2,510
Completed Treatments	1,381	494	1,875

TREATMENT

No. of Fillings - Permanent Teeth	2,278	26	2,304
No. of Fillings - Temporary Teeth	61	9	70
No. of Teeth Filled - Permanent	2,119	26	2,145
No. of teeth filled - Temporary	59	9	68
No. of Root Fillings	3	-	3

No. of Dressings

Permanent Teeth	450	67	517
Temporary Teeth	17	25	42

No. of Extractions

Permanent Teeth (for caries)	772	220	992
Permanent Teeth (for Orthodontics)	44	-	44
Temporary Teeth	1,151	305	1,456

Anaesthetics

Local	425	450	875
General	378	5	383
No. of Crowns	7	-	7

No. of Dentures

Partial	38	-	38
" (repairs)	8	7	15
Full	3	-	3
No. of Scalings and Gum Treatments	50	14	64

No. of Silver Nitrate Applications

Permanent Teeth	6	-	6
Temporary Teeth	8	2	10
No. of X-rays	30	24	54

Orthodontics

Impressions	60	-	60
Appliance Inserted	46	-	46
Cases Completed	36	-	36
No. of X-rays	9	-	9

Other Operations

Permanent	511	417	928
Temporary	-	1	1



Dental Staff

	<u>Dental Surgeons</u>	<u>Dental Hygienists and Ancillaries</u>	<u>Dental Surgery Assistants</u>
Establishment of posts agreed by Council	3	-	3
No. in post at 30/6 - Whole-time	2	-	2
- Part-time	-	-	-
Whole-time equivalent of part-time	-	-	-
Total whole-time equivalent	1 <sup>10</sup> / <sub>12</sub>	-	2
No. of vacancies being advertised	1	-	1
Total half-days worked during year ending 31/7			
(a) in School Health Service)			
(b) in Maternity and Child )	844	-	844
Welfare Service )			

Allocation of Time

Estimated number of half-days occupied in -			
Inspection	37	-	-
Dental Health Education	-	-	-
Treatment (other than orthodontics)	771	-	-
Orthodontic treatment by Dental Officer	15	-	-
Administration	21	-	-
Absence due to illness	8	-	-
Total	852	-	-

Orthodontic treatment by  
visiting orthodontist 20





#### IX Special Schools and Classes

There is a Special School at Ludgate, Alloa, for mentally retarded children. During the year 34 pupils were in attendance, and 22 children were at the Occupational Centre in Sauchie.

#### X Arrangements for Physical Education and Personal Hygiene

As in previous years children were in residence at Dounan's Camp, Aberfoyle, for the month of March. These children were from Sunnyside, Menstrie, Abercromby, Banchory, St. Mungo's, St. Serf's and Fishcross Schools. In addition, children from Alloa Academy Primary, Clackmannan, Alva Academy, Tillicoultry, Park, Sauchie, St. John's, Coalsnaughton, Dollar and South Schools, attended Middleton Camp School, Gorebridge in June.

#### Provision of Mid-day Meals

The provision of two course dinners to all schools in the County continued throughout the year, at a charge of 1/-d per day, the meals being supplied from the Central Kitchen at Tillicoultry, and the Kitchens at Alloa Academy, Banchory School, Forebraes School, St. Serf's School and St. Mungo's School.

The number of pupils taking meals as shown in the annual return to the Scottish Education Department was 1,896

#### Dining Halls

Dining rooms are in use at the undernoted schools:-

Alva Academy	Forebraes, Alloa
Coalsnaughton	Banchory, Tullibody
Clackmannan	Menstrie
Dollar	Tillicoultry
Sunnyside, Alloa	Grange, Alloa
Sauchie	Occupational Centre, Sauchie
Park, Alloa	Ludgate, Alloa
Abercromby, Tullibody	Forestmill
Alloa Academy (Secondary)	St. John's, Alloa
St. Mungo's R.C., Alloa	Alloa Academy (Primary)
St. Serf's Tullibody	South, Alloa
Fishcross	

#### Milk in Schools Scheme

This scheme which provides for the issue of free milk to school pupils operated during the whole session. One third of a pint of milk is provided daily for each child participating. During the session the number of children taking milk as shown in the Annual return to the Scottish Education Department was 6,308.

All schools in the County take part in the scheme.

Supply of Footwear, Clothing, etc.

During the year 64 children were supplied with footwear and/or clothing by the Education Committee.

INSPECTION/



INSPECTION CLINICS

<u>Condition</u>	<u>No. of Cases Excluded from School</u>	<u>No. of Cases not Excluded from School</u>	<u>Total</u>
Impetigo	-	-	-
Scabies	-	-	-
Favus and Ringworm	-	-	-
Other Skin Affections	-	-	-
Verminous Cases	-	-	-
Infectious Diseases	-	-	-
Affections of the Throat	-	-	-
"    "    "    Glands	-	-	-
"    "    "    Eyes	(Conjunctivitis	-	-
	(Blepharitis	-	-
Otorrhoea	-	1	1
Affections of Heart and Anaemia	-	-	-
"    "    (Bronchitis	-	-	-
"    "    Lungs	(Tuberculosis	-	-
	(Suspected T.B.	-	-
	(Others	-	-
"    "    Nervous System	(Chorea	-	-
	(Epilepsy	-	-
"    "    Non-Pulmonary T.B.	(Skin	-	-
	(Glands	-	-
	(Bones	-	-
Other Conditions	-	3	3
	-	4	4
Re-examinations	-	-	-
	-	4	4
	<u>-</u>	<u>4</u>	<u>4</u>

# Statement

Balance

Original

Adjusted

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TABLE I

TOTAL NUMBER OF CHILDREN EXAMINED

	<u>Systematic Examinations</u>	<u>Other Systematic Examinations</u>
(a) <u>Entrants (aged about 5)</u>		
Boys	355	14
Girls	353	12
<u>Born in year 1953 (aged nine +)</u>		
Boys	190	19
Girls	171	10
<u>Born in year 1949 (aged thirteen +)</u>		
Boys	298	15
Girls	319	5
<u>Born in year 1946 (aged sixteen +)</u>		
Boys	42	-
Girls	34	-
	<hr/> 1,762 <hr/>	<hr/> 75 <hr/>
	Total	1,837
(b) Cases specially presented		53
Re-examinations		4,072
		<hr/> 5,962 <hr/>

The total number examined last year was 5,782.

The above figures do not include classes of children examined for infectious or contagious diseases.

NUMBER OF INDIVIDUAL CHILDREN INSPECTED  
AT SYSTEMATIC EXAMINATIONS, WHO WERE NOTIFIED  
TO PARENTS AS REQUIRING TREATMENT  
(EXCLUDING UNCLEANLINESS AND DENTAL CARIES).

Entrants	36
Second Age Group	33
Third Age Group	26
Secondary Age Group	4
Other Systematic Examinations	4





Number and percentage of children affected in each age-group.

<u>Nature of Defect</u>	<u>Total examined at all ages</u>	<u>Entrants</u>		<u>Second Age-group</u>		<u>Third Age-group</u>		<u>Fourth Age-group</u>		<u>All ages</u>	
		<u>Boys</u>	<u>Girls</u>	<u>Boys</u>	<u>Girls</u>	<u>Boys</u>	<u>Girls</u>	<u>Boys</u>	<u>Girls</u>	<u>Boys</u>	<u>Girls</u>
1. <u>Clothing:-</u>	1,762	355	353	190	171	298	319	42	34	885	877
Unsatisfactory		-	-	-	-	-	-	-	-	-	-
	%	-	-	-	-	-	-	-	-	-	-
2. <u>Footgear:-</u>											
Unsatisfactory		-	-	-	-	-	-	-	-	-	-
	%	-	-	-	-	-	-	-	-	-	-
3. <u>Cleanliness of:-</u>											
(a) <u>Head:-</u>											
Dirty, Nits or Vermin		-	1	-	-	-	-	-	-	-	1
		-	0.28	-	-	-	-	-	-	-	0.11
(b) <u>Body:-</u>											
Dirty		2	-	-	-	-	-	-	-	2	-
		0.56	-	-	-	-	-	-	-	0.22	-
Verminous		-	-	-	-	-	-	-	-	-	-
	<u>Totals</u>	2	1	-	-	-	-	-	-	2	1
	%	(0.42)	-	-	-	-	-	-	-	(0.17)	-
4. <u>Conditions of Skin/</u>											









Nature of Defect	examined at all ages	Entrants		Age-group		Age-group		Age-group		All ages	
		Boys		Girls		Boys		Girls		Boys	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
6. Mouth and Teeth Unhealthy:-	1,762	355	353	190	171	298	319	42	34	885	877
		6	12	2	1	3	5	-	-	11	18
		1.69	3.40	1.05	0.58	1.01	1.57	-	-	1.24	2.05
		(2.54)		(0.83)		(1.30)		(1.64)			
7. Naso-Pharynx:-											
(a) Nose:-											
(Obstruction (for observation)		9	8	4	1	-	-	-	-	13	9
		2.53	2.27	2.10	0.58	-	-	-	-	1.47	1.03
Obstruction (probably adenoids for operation)		-	-	-	-	-	-	-	-	-	-
Other Conditions		1	2	-	-	-	-	-	-	1	2
		0.28	0.57	-	-	-	-	-	-	0.11	0.23
(b) Throat:-											
Tonsils requiring observation		22	22	4	1	-	1	-	-	26	24
		6.20	6.23	2.10	0.58	-	0.31	-	-	2.94	2.74
Tonsils requiring operation		-	-	-	-	-	-	-	-	-	-
Other Conditions		-	-	-	-	-	-	-	-	-	-
(c) Glands:-											
Requiring observation		12	10	2	-	-	1	-	-	14	11
		3.38	2.83	1.05	-	-	0.31	-	-	1.58	1.25
Requiring operation		-	-	-	-	-	-	-	-	-	-
		44	42	10	2	-	2	-	-	54	46
		(12.15)		(3.32)		(0.32)		(5.67)			

8. Eyes/



Nature of Defect	examined at all ages	Entrants		Age-group		Age-group		Age-group		All ages	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
8. <u>Eyes:-</u>	1,762	355	353	190	171	298	319	42	34	885	877
(a) <u>External Diseases:-</u>											
Blepharitis		-	-	-	1	1	-	-	-	1	1
		-	-	-	0.58	0.33	-	-	-	0.11	0.11
Conjunctivitis		-	-	-	-	-	-	-	-	-	-
Corneal Opacities		-	-	-	-	-	-	-	-	-	-
Strabismus		15	7	-	1	-	3	-	-	15	11
	4.22	1.98	-	-	0.58	-	0.94	-	-	1.69	1.25
Other Diseases		1	1	-	-	1	-	-	-	2	1
	0.28	0.28	-	-	-	0.33	-	-	-	0.22	0.11
<u>Totals</u>		16	8	-	2	2	3	-	-	18	13
%		(3.39)		(0.55)		(0.81)		-		(1.76)	

(b) Defective Vision:-

Total number subjected to routine vision testing.	1,054			190	171	298	319	42	34	530	524
Fair vision, 6/9 or 6/12 in better eye with or without spectacles		-	-	9	16	13	22	1	2	23	40
		-	-	4.74	9.36	4.36	6.90	2.38	5.88	4.33	7.63
Bad vision, 6/18 or worse in better eye with or without spectacles.		-	-	-	-	2	-	3	1	5	1
		-	-	-	-	0.67	-	7.14	2.94	0.94	0.19
<u>Totals</u>		-	-	9	16	15	22	4	3	28	41
%		-	-	(6.92)		(6.00)		(9.21)		(6.55)	

Recommended/

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	12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Nature of Defect	Total examined at all ages	Entrants		Second Age-group		Third Age-group		Fourth Age-group		All ages	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
(b) <u>Defective Hearing:-</u>	1,762	355	353	190	171	298	319	42	34	885	877
Grade I		3	2	10	2	16	6	-	-	29	10
		0.84	0.57	5.26	1.16	5.37	1.88	-	-	3.28	1.14
Grade IIa		-	-	2	-	1	3	-	-	3	3
		-	-	1.05	-	0.33	0.94	-	-	0.34	0.34
Grade IIb		-	-	-	-	-	-	-	-	-	-
Grade III		-	-	-	-	-	-	-	-	-	-
<u>Totals</u>		3	2	12	2	17	9	-	-	32	13
%		(0.71)	(3.88)	(4.21)	(2.55)						

# 10. Speech:-

## Defective Articulation

## Stammering

1	3	-	-	-	-	-	-	-	-	1	3
0.28	0.35	-	-	-	-	-	-	-	-	0.11	0.34
1	-	-	-	-	-	-	-	-	-	1	-
0.28	-	-	-	-	-	-	-	-	-	0.11	-
<u>Totals</u>	2	3	-	-	-	-	-	-	-	2	3
%	(0.71)	-	-	-	-	-	-	-	-	(0.28)	

# 11. Mental/



Nature of Defect	Total examined at all ages	Entrants		Second Age-group		Third Age-group		Fourth Age-group		All ages	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
11. <u>Mental and Nervous Condition:-</u>	1,762	355	353	190	171	298	319	42	34	885	877
(a) Backward (due to irregular attendance, absence or other extrinsic cause)		1 0.28	- -	- -	- -	- -	- -	- -	- -	1 0.11	- -
(b) Dull (intrinsically)		-	-	-	-	-	-	-	-	-	-
(c) Mentally defective (educable)		- -	- -	2 1.05	- -	1 0.33	- -	- -	- -	3 0.34	- -
(d) Mentally defective (ineducable)		- -	1 0.28	- -	- -	- 0.31	1 -	- -	- -	- -	2 0.23
(e) Highly nervous or unstable		- -	7 1.98	1 0.53	- -	- -	- -	- -	- -	1 0.11	7 0.80
(f) Difficult in behaviour		-	-	-	-	-	-	-	-	-	-
<u>Totals</u>		1	8	3	-	1	1	-	-	5	9
		%	(1.27)	(0.83)		(0.32)		-		(0.79)	

12. Circulatory System/





Nature of Defect	Total examined at all ages	Entrants		Second Age-group		Third Age-group		Fourth Age-group		All ages	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
	1,762	355	353	190	171	298	319	42	34	885	877

## 12. Circulatory System:-

### (a) Organic Heart Diseases:-

#### (1) Congenital

#### (2) Acquired

### (b) Functional Conditions

### (c) Anaemia

	2	1	-	-	-	1	1	-	-	3	2
	0.56	0.28	-	-	-	-	-	-	-	0.22	0.11
	-	-	-	-	-	1	1	-	-	1	1
	-	-	-	-	-	0.33	0.31	-	-	0.11	0.11
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
Totals	2	1	-	-	-	1	1	-	-	3	2
%	(0.42)		-	-	-	(0.32)		-	-	(0.28)	

## 13. Lungs:-

### Chronic bronchitis

### Suspected tuberculosis

### Other Diseases

	3	5	1	-	-	3	-	-	-	7	5
	0.84	1.42	0.53	-	-	1.01	-	-	-	0.79	0.57
	-	-	-	-	-	-	-	-	-	-	-
	2	1	-	1	-	-	-	-	-	2	2
	0.56	0.28	-	0.58	-	-	-	-	-	0.22	0.23
Totals	5	6	1	1	1	3	-	-	-	9	7
%	(1.55)		(0.55)			(0.49)		-	-	(0.91)	

## 14. Deformities/



14. Deformities:-

## (a) Congenital

(b) Acquired (Infantile  
paralysis)(c) Acquired (Probable  
rickets)

## (d) Acquired (Other causes)

Totals

4	5	1	1	1	3	1	-	-	8	7
%	(1.27)	(0.55)	(0.55)	(0.65)	(0.85)	(0.85)	(0.85)	(0.85)	(0.85)	(0.85)

## 15. Infectious Diseases

## 16. Other Diseases or Defects

4	3	1	-	1	1	1	-	-	6	4
1.13	0.85	0.53	-	0.33	0.31	0.31	-	-	0.68	0.46
%	(0.99)	(0.28)	(0.32)	(0.32)	(0.57)	(0.57)	(0.57)	(0.57)	(0.57)	(0.57)

Date	Time	Place	Temperature		Remarks
			Air	Water	
Jan 1	10:00	San Francisco	50	45	Clear
Jan 2	11:00	San Francisco	52	47	Clear
Jan 3	12:00	San Francisco	55	50	Clear
Jan 4	13:00	San Francisco	58	53	Clear
Jan 5	14:00	San Francisco	60	55	Clear
Jan 6	15:00	San Francisco	62	57	Clear
Jan 7	16:00	San Francisco	65	60	Clear
Jan 8	17:00	San Francisco	68	63	Clear
Jan 9	18:00	San Francisco	70	65	Clear
Jan 10	19:00	San Francisco	72	67	Clear
Jan 11	20:00	San Francisco	75	70	Clear
Jan 12	21:00	San Francisco	78	73	Clear
Jan 13	22:00	San Francisco	80	75	Clear
Jan 14	23:00	San Francisco	82	77	Clear
Jan 15	24:00	San Francisco	85	80	Clear
Jan 16	25:00	San Francisco	88	83	Clear
Jan 17	26:00	San Francisco	90	85	Clear
Jan 18	27:00	San Francisco	92	87	Clear
Jan 19	28:00	San Francisco	95	90	Clear
Jan 20	29:00	San Francisco	98	93	Clear
Jan 21	30:00	San Francisco	100	95	Clear
Jan 22	31:00	San Francisco	102	97	Clear
Jan 23	32:00	San Francisco	105	100	Clear
Jan 24	33:00	San Francisco	108	103	Clear
Jan 25	34:00	San Francisco	110	105	Clear
Jan 26	35:00	San Francisco	112	107	Clear
Jan 27	36:00	San Francisco	115	110	Clear
Jan 28	37:00	San Francisco	118	113	Clear
Jan 29	38:00	San Francisco	120	115	Clear
Jan 30	39:00	San Francisco	122	117	Clear
Jan 31	40:00	San Francisco	125	120	Clear
Jan 32	41:00	San Francisco	128	123	Clear
Jan 33	42:00	San Francisco	130	125	Clear
Jan 34	43:00	San Francisco	132	127	Clear
Jan 35	44:00	San Francisco	135	130	Clear
Jan 36	45:00	San Francisco	138	133	Clear
Jan 37	46:00	San Francisco	140	135	Clear
Jan 38	47:00	San Francisco	142	137	Clear
Jan 39	48:00	San Francisco	145	140	Clear
Jan 40	49:00	San Francisco	148	143	Clear
Jan 41	50:00	San Francisco	150	145	Clear
Jan 42	51:00	San Francisco	152	147	Clear
Jan 43	52:00	San Francisco	155	150	Clear
Jan 44	53:00	San Francisco	158	153	Clear
Jan 45	54:00	San Francisco	160	155	Clear
Jan 46	55:00	San Francisco	162	157	Clear
Jan 47	56:00	San Francisco	165	160	Clear
Jan 48	57:00	San Francisco	168	163	Clear
Jan 49	58:00	San Francisco	170	165	Clear
Jan 50	59:00	San Francisco	172	167	Clear
Jan 51	60:00	San Francisco	175	170	Clear
Jan 52	61:00	San Francisco	178	173	Clear
Jan 53	62:00	San Francisco	180	175	Clear
Jan 54	63:00	San Francisco	182	177	Clear
Jan 55	64:00	San Francisco	185	180	Clear
Jan 56	65:00	San Francisco	188	183	Clear
Jan 57	66:00	San Francisco	190	185	Clear
Jan 58	67:00	San Francisco	192	187	Clear
Jan 59	68:00	San Francisco	195	190	Clear
Jan 60	69:00	San Francisco	198	193	Clear
Jan 61	70:00	San Francisco	200	195	Clear
Jan 62	71:00	San Francisco	202	197	Clear
Jan 63	72:00	San Francisco	205	200	Clear
Jan 64	73:00	San Francisco	208	203	Clear
Jan 65	74:00	San Francisco	210	205	Clear
Jan 66	75:00	San Francisco	212	207	Clear
Jan 67	76:00	San Francisco	215	210	Clear
Jan 68	77:00	San Francisco	218	213	Clear
Jan 69	78:00	San Francisco	220	215	Clear
Jan 70	79:00	San Francisco	222	217	Clear
Jan 71	80:00	San Francisco	225	220	Clear
Jan 72	81:00	San Francisco	228	223	Clear
Jan 73	82:00	San Francisco	230	225	Clear
Jan 74	83:00	San Francisco	232	227	Clear
Jan 75	84:00	San Francisco	235	230	Clear
Jan 76	85:00	San Francisco	238	233	Clear
Jan 77	86:00	San Francisco	240	235	Clear
Jan 78	87:00	San Francisco	242	237	Clear
Jan 79	88:00	San Francisco	245	240	Clear
Jan 80	89:00	San Francisco	248	243	Clear
Jan 81	90:00	San Francisco	250	245	Clear
Jan 82	91:00	San Francisco	252	247	Clear
Jan 83	92:00	San Francisco	255	250	Clear
Jan 84	93:00	San Francisco	258	253	Clear
Jan 85	94:00	San Francisco	260	255	Clear
Jan 86	95:00	San Francisco	262	257	Clear
Jan 87	96:00	San Francisco	265	260	Clear
Jan 88	97:00	San Francisco	268	263	Clear
Jan 89	98:00	San Francisco	270	265	Clear
Jan 90	99:00	San Francisco	272	267	Clear
Jan 91	100:00	San Francisco	275	270	Clear
Jan 92	101:00	San Francisco	278	273	Clear
Jan 93	102:00	San Francisco	280	275	Clear
Jan 94	103:00	San Francisco	282	277	Clear
Jan 95	104:00	San Francisco	285	280	Clear
Jan 96	105:00	San Francisco	288	283	Clear
Jan 97	106:00	San Francisco	290	285	Clear
Jan 98	107:00	San Francisco	292	287	Clear
Jan 99	108:00	San Francisco	295	290	Clear
Jan 100	109:00	San Francisco	298	293	Clear
Jan 101	110:00	San Francisco	300	295	Clear
Jan 102	111:00	San Francisco	302	297	Clear
Jan 103	112:00	San Francisco	305	300	Clear
Jan 104	113:00	San Francisco	308	303	Clear
Jan 105	114:00	San Francisco	310	305	Clear
Jan 106	115:00	San Francisco	312	307	Clear
Jan 107	116:00	San Francisco	315	310	Clear
Jan 108	117:00	San Francisco	318	313	Clear
Jan 109	118:00	San Francisco	320	315	Clear
Jan 110	119:00	San Francisco	322	317	Clear
Jan 111	120:00	San Francisco	325	320	Clear
Jan 112	121:00	San Francisco	328	323	Clear
Jan 113	122:00	San Francisco	330	325	Clear
Jan 114	123:00	San Francisco	332	327	Clear
Jan 115	124:00	San Francisco	335	330	Clear
Jan 116	125:00	San Francisco	338	333	Clear
Jan 117	126:00	San Francisco	340	335	Clear
Jan 118	127:00	San Francisco	342	337	Clear
Jan 119	128:00	San Francisco	345	340	Clear
Jan 120	129:00	San Francisco	348	343	Clear
Jan 121	130:00	San Francisco	350	345	Clear
Jan 122	131:00	San Francisco	352	347	Clear
Jan 123	132:00	San Francisco	355	350	Clear
Jan 124	133:00	San Francisco	358	353	Clear
Jan 125	134:00	San Francisco	360	355	Clear
Jan 126	135:00	San Francisco	362	357	Clear
Jan 127	136:00	San Francisco	365	360	Clear
Jan 128	137:00	San Francisco	368	363	Clear
Jan 129	138:00	San Francisco	370	365	Clear
Jan 130	139:00	San Francisco	372	367	Clear
Jan 131	140:00	San Francisco	375	370	Clear
Jan 132	141:00	San Francisco	378	373	Clear
Jan 133	142:00	San Francisco	380	375	Clear
Jan 134	143:00	San Francisco	382	377	Clear
Jan 135	144:00	San Francisco	385	380	Clear
Jan 136	145:00	San Francisco	388	383	Clear
Jan 137	146:00	San Francisco	390	385	Clear
Jan 138	147:00	San Francisco	392	387	Clear
Jan 139	148:00	San Francisco	395	390	Clear
Jan 140	149:00	San Francisco	398	393	Clear
Jan 141	150:00	San Francisco	400	395	Clear
Jan 142	151:00	San Francisco	402	397	Clear
Jan 143	152:00	San Francisco	405	400	Clear
Jan 144	153:00	San Francisco	408	403	Clear
Jan 145	154:00	San Francisco	410	405	Clear
Jan 146	155:00	San Francisco	412	407	Clear
Jan 147	156:00	San Francisco	415	410	Clear
Jan 148	157:00	San Francisco	418	413	Clear
Jan 149	158:00	San Francisco	420	415	Clear
Jan 150	159:00	San Francisco	422	417	Clear
Jan 151	160:00	San Francisco	425	420	Clear
Jan 152	161:00	San Francisco	428	423	Clear
Jan 153	162:00	San Francisco	430	425	Clear
Jan 154	163:00	San Francisco	432	427	Clear
Jan 155	164:00	San Francisco	435	430	Clear
Jan 156	165:00	San Francisco	438	433	Clear
Jan 157	166:00	San Francisco	440	435	Clear
Jan 158	167:00	San Francisco	442	437	Clear
Jan 159	168:00	San Francisco	445	440	Clear
Jan 160	169:00	San Francisco	448	443	Clear
Jan 161	170:00	San Francisco	450	445	Clear
Jan 162	171:00	San Francisco	452	447	Clear
Jan 163	172:00	San Francisco	455	450	Clear
Jan 164	173:00	San Francisco	458	453	Clear
Jan 165	174:00	San Francisco	460	455	Clear
Jan 166	175:00	San Francisco	462	457	Clear
Jan 167	176:00	San Francisco	465	460	Clear
Jan 168	177:00	San Francisco	468	463	Clear
Jan 169	178:00	San Francisco	470	465	Clear
Jan 170	179:00	San Francisco	472	467	Clear
Jan 171	180:00	San Francisco	475	470	Clear
Jan 172	181:00	San Francisco	478	473	Clear
Jan 173	182:00	San Francisco	480	475	Clear
Jan 174	183:00	San Francisco	482	477	Clear
Jan 175	184:00	San Francisco	485	480	Clear
Jan 176	185:00	San Francisco	488	483	Clear
Jan 177	186:00	San Francisco	490	485	Clear
Jan 178	187:00	San Francisco	492	487	Clear
Jan 179	188:00	San Francisco	495	490	Clear
Jan 180	189:00	San Francisco	498	493	Clear
Jan 181	190:00	San Francisco	500	495	Clear
Jan 182	191:00	San Francisco	502	497	Clear
Jan 183	192:00	San Francisco	505	500	Clear
Jan 184	193:00	San Francisco	508	503	Clear
Jan 185	194:00	San Francisco	510	505	Clear
Jan 186	195:00	San Francisco	512	507	Clear
Jan 187	196:00	San Francisco	515	510	Clear
Jan 188	197:00	San Francisco	518	513	Clear
Jan 189	198:00	San Francisco	520	515	Clear
Jan 190	199:00	San Francisco	522	517	Clear
Jan 191	200:00	San Francisco	525	520	Clear
Jan 192	201:00	San Francisco	528	523	Clear
Jan 193	202:00	San Francisco	530	525	Clear
Jan 194	203:00	San Francisco	532	527	Clear
Jan 195	204:00	San Francisco	535	530	Clear
Jan 196	205:00	San Francisco	538	533	Clear
Jan 197	206:00	San Francisco	540	535	Clear
Jan 198	207:00	San Francisco	542	537	Clear
Jan 199	208:00	San Francisco	545	540	Clear
Jan 200	209:00	San Francisco	548	543	Clear
Jan 201	210:00	San Francisco	550	545	Clear
Jan 202	211:00	San Francisco	552	547	Clear
Jan 203	212:00	San Francisco	555	550	Clear
Jan 204	213:00	San Francisco	558	553	Clear
Jan 205	214:00	San Francisco	560	555	Clear
Jan 206	215:00	San Francisco	562	557	Clear
Jan 207	216:00	San Francisco	565	560	Clear
Jan 208	217:00	San Francisco	568	563	Clear
Jan 209	218:00	San Francisco	570	565	Clear
Jan 210	219:00	San Francisco	572	567	Clear
Jan 211	220:00	San Francisco	575	570	Clear
Jan 212	221:00	San Francisco	578	573	Clear
Jan 213	222:00	San Francisco	580	575	Clear
Jan 214	223:00	San Francisco	582	577	Clear
Jan 215	224:00	San Francisco	585	580	Clear
Jan 216	225:00	San Francisco	588	583	Clear
Jan 217	226:00	San Francisco	590	585	Clear
Jan 218	227:00	San Francisco	592	587	Clear
Jan 219	228:00	San Francisco	595	590	Clear
Jan 220	229:00	San Francisco	598	593	Clear
Jan 221	230:00	San Francisco	600	595	Clear
Jan 222	231:00	San Francisco	602	597	Clear
Jan 223	232:00	San Francisco	605	600	Clear
Jan 224	233:00	San Francisco	608	603	Clear
Jan 225	234:00	San Francisco	610	605	Clear
Jan 226	235:00	San Francisco	612	607	Clear
Jan 227	236:00	San Francisco	615	610	Clear
Jan 228	237:00	San Francisco	618	613	Clear
Jan 229	238:00	San Francisco	620	615	Clear
Jan 230	239:00	San Francisco	622	617	Clear

Classification

Classification	Entrants		Second Age-group		Third Age-group		Fourth Age-group		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%
I. Children free from defects	617	87.15	333	92.24	560	90.76	72	94.74	1,582	89.78
II. Children (otherwise free from defects) who suffer from:-										
(a) Defective vision not worse than 6/12 in the better eye with or without glasses; or	2	0.28	10	2.77	16	2.59	-	-	28	1.59
(b) Conditions of the mouth and teeth requiring treatment; or	16	2.26	3	0.83	7	1.13	-	-	26	1.48
(c) Both (a) and (b)	-	-	-	-	-	-	-	-	-	-
Total	18	2.54	13	3.60	23	3.72	-	-	54	3.07
III. Children suffering from ailments (other than those mentioned in II.) from which complete recovery is anticipated within a few weeks	18	2.54	1	0.28	14	2.27	-	-	33	1.87
IV. Children suffering from (or suspected to be suffering from) defect less remediable than defects specified in II. or III. distinguishing cases:-										
(a) Where complete cure or restoration of function (in the case of eye defect, full correction) is considered possible	54	7.63	12	3.32	15	2.43	4	5.26	85	4.83
(b) Where improvement only is considered possible, e.g. without complete restoration of function	1	0.14	2	0.55	5	0.81	-	-	8	0.45
Total	55	7.77	14	3.87	20	3.24	4	5.26	93	5.28
Total number of children examined	708	100%	361	100%	617	100%	76	100%	1,762	100%





TABLE IV

Return of ALL EXCEPTIONAL CHILDREN of School  
Age in the Area

<u>DISABILITY</u>	<u>At</u> <u>Ordinary</u> <u>Schools</u>	<u>At Special</u> <u>Schools or</u> <u>Classes</u>	<u>At No</u> <u>Schools or</u> <u>Institutions</u>	<u>At Hospital</u> <u>or Other</u> <u>Institutions</u>	<u>Total</u>
<u>Blind</u>	-	-	-	6	6
<u>Partially Sighted:-</u>					
(a) Refractive errors in which the curriculum of an ordinary school would adversely affect the eye	-	-	-	-	-
(b) Other conditions of the eye, e.g. cataract, ulceration etc., which render the child unable to read ordinary school books or to see well enough to be taught in an ordinary school	-	-	-	-	-
<u>Deaf:-</u>					
Grade I	124	-	-	-	124
Grade IIa	30	-	-	-	30
Grade IIb	-	-	-	-	-
Grade III	-	3	-	10	13
<u>Defective Speech:-</u>					
(a) Defects of articulation requiring special educational measures	2	-	-	-	2
(b) Stammering requiring special educational measures	-	-	-	-	-
<u>Mentally Defective</u> (Children between 5 and 16 years):-					
(a) Educable (I.Q. approx. 50-70)	-	31	-	-	31
(b) Ineducable (I.Q. generally less than 50)	-	12	-	5	17
(c) Maladjusted	-	-	-	2	2
<u>Epilepsy:-</u>					
(a) Mild and occasional	7	-	-	-	7
(b) Severe (suitable for care in a residential school)	-	-	-	1	1
<u>Physically/</u>					



<u>DISABILITY</u>	<u>At Ordinary Schools</u>	<u>At Special Schools or Classes</u>	<u>At no Schools or Institutions</u>	<u>At Hospital or Other Institutions</u>	<u>Total</u>
<u>Physically Defective</u> (Children between 5 and 16 years):-					
(a) Non-pulmonary tuberculosis (excluding cervical glands)	-	-	-	-	-
(b) General orthopaedic conditions	27	-	1	2	30
(c) Organic heart disease	16	-	-	-	16
(d) Other causes of ill-health	69	-	2	-	71
<u>Multiple defects:-</u>					
I	-	-	-	-	-
II	-	-	-	-	-
III	-	1	-	-	1
IV	-	-	-	-	-
V	-	1	1	-	2
VI	-	-	-	-	-
VII	-	-	-	-	-
VIII	-	-	-	-	-
IX	-	2	-	-	2
X	-	-	-	-	-
XI	-	9	3	-	12

AVERAGE/





AVERAGE HEIGHTS AND WEIGHTS

	Age Group			
	5	9	13	16
<u>Boys</u>				
Average Age in Years	5 <sup>1</sup> / <sub>12</sub>	9 <sup>8</sup> / <sub>12</sub>	13 <sup>7</sup> / <sub>12</sub>	16 <sup>7</sup> / <sub>12</sub>
Number examined	355	190	298	42
Height in inches	42.3	52.4	60.6	67.4
Weight in lbs.	42.4	67.9	102.1	142.5
<u>Girls</u>				
Average Age in Years	5 <sup>1</sup> / <sub>12</sub>	9 <sup>8</sup> / <sub>12</sub>	13 <sup>8</sup> / <sub>12</sub>	16 <sup>7</sup> / <sub>12</sub>
Number examined	353	171	319	34
Height in inches	41.7	52.0	60.6	63.1
Weight in lbs.	40.6	65.6	104.9	125.7

Attendances of Parents at School Medical Inspections

Age 5	85.0%
Age 9	47.6%
Age 13	2.7%
Age 16	-



<u>Term</u>	<u>1957</u> (5 years)				<u>1955</u> (7 years)				<u>1953</u> (9 years)				<u>1949</u> (13 years)				<u>Specials</u>	
	Tested	Failed	Graded		Tested	Failed	Graded		Tested	Failed	Graded		Tested	Failed	Graded			
			I	IIa			I	IIa			I	IIa			I	IIa		
Sept. 1962	286	4	3	1	263	6	6	-	293	6	6	-	-	5	4	1		
Jan. 1963	207	2	1	1	248	5	4	1	221	5	5	-	217	3	1	2		
Apr. 1963	183	4	3	1	195	1	1	-	195	4	3	1	398	2	1	1		
2,809	676	10	7	3	706	12	11	1	709	15	14	1	615	10	6	4		
Percentage		1.48	1.03	0.44		1.7	1.55	0.14		2.11	1.97	0.14		9.71	5.83	3.88		

Subject		Date		Time		Place		Remarks	
Day	Month	Year	Hour	Minute	Second	City	State	Notes	Signature
1	1	1900	10	10	10	London	England	First day of the year	
2	2	1900	11	11	11	London	England	Second day of the year	
3	3	1900	12	12	12	London	England	Third day of the year	
4	4	1900	1	1	1	London	England	Fourth day of the year	
5	5	1900	2	2	2	London	England	Fifth day of the year	
6	6	1900	3	3	3	London	England	Sixth day of the year	
7	7	1900	4	4	4	London	England	Seventh day of the year	
8	8	1900	5	5	5	London	England	Eighth day of the year	
9	9	1900	6	6	6	London	England	Ninth day of the year	
10	10	1900	7	7	7	London	England	Tenth day of the year	
11	11	1900	8	8	8	London	England	Eleventh day of the year	
12	12	1900	9	9	9	London	England	Twelfth day of the year	
13	13	1900	10	10	10	London	England	Thirteenth day of the year	
14	14	1900	11	11	11	London	England	Fourteenth day of the year	
15	15	1900	12	12	12	London	England	Fifteenth day of the year	
16	16	1900	1	1	1	London	England	Sixteenth day of the year	
17	17	1900	2	2	2	London	England	Seventeenth day of the year	
18	18	1900	3	3	3	London	England	Eighteenth day of the year	
19	19	1900	4	4	4	London	England	Nineteenth day of the year	
20	20	1900	5	5	5	London	England	Twentieth day of the year	
21	21	1900	6	6	6	London	England	Twenty-first day of the year	
22	22	1900	7	7	7	London	England	Twenty-second day of the year	
23	23	1900	8	8	8	London	England	Twenty-third day of the year	
24	24	1900	9	9	9	London	England	Twenty-fourth day of the year	
25	25	1900	10	10	10	London	England	Twenty-fifth day of the year	
26	26	1900	11	11	11	London	England	Twenty-sixth day of the year	
27	27	1900	12	12	12	London	England	Twenty-seventh day of the year	
28	28	1900	1	1	1	London	England	Twenty-eighth day of the year	
29	29	1900	2	2	2	London	England	Twenty-ninth day of the year	
30	30	1900	3	3	3	London	England	Thirtieth day of the year	
31	31	1900	4	4	4	London	England	First day of the next month	

